

DTIC
SELECTE
FEB 11 1991
DTIC FILE COPY (1)
AGARD-CAL-91/1

AD-A231 742

AGARD

ADVISORY GROUP FOR AEROSPACE RESEARCH & DEVELOPMENT

7 RUE ANCELLE 92200 NEUILLY SUR SEINE FRANCE

**Calendar of Selected
Aeronautical & Space Meetings**
JANUARY 1991 onwards

**Calendrier des Manifestations
Aéronautiques et Spatiales (Sélection)**
JANVIER 1991 et au-delà

NORTH ATLANTIC TREATY ORGANIZATION



DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

91 2 08 019

CAL-91/1

ADVISORY GROUP FOR AEROSPACE RESEARCH & DEVELOPMENT
GROUPE CONSULTATIF POUR LA RECHERCHE
ET LES REALISATIONS AEROSPATIALES

NORTH ATLANTIC TREATY ORGANIZATION
ORGANISATION DU TRAITE DE L'ATLANTIQUE NORD

**Calendrier des Manifestations
Aéronautiques et Spatiales (Sélection)
JANVIER 1991 et au-delà**

**Calendar of Selected Aeronautical
and Space Meetings
JANUARY 1991 onwards**

Edité par: AGARD, 7 rue Ancelle, 92200 Neuilly-sur-Seine, France
Published by:

Contents

	Page
Preface	iv
Instructions for Use	vi
Part	
1 Topics List	viii
2 Calendar of Selected Aeronautical and Space Meetings	2
3 Keyword Index	98
4 Country Codes	107
5 List of Organizations	108

Published December 1990

Copyright © AGARD 1990
All Rights Reserved

ISBN 92-835-0599-9



*Set and printed by Specialised Printing Services Limited
40 Chigwell Lane, Loughton, Essex IG10 3TZ*

Sommaire

	Page
Préface	v
Mode d'Emploi	vii
Chapitre	
1 Liste des Thèmes	1
2 Calendrier des Manifestations Aéronautiques et Spatiales (Sélection)	2
3 Index des Mots-Clés	98
4 Codes des Pays	107
5 Liste des Organismes	108

Edité en décembre 1990

Copyright © AGARD 1990
Tous droits réservés

ISBN 92-835-0599-9



*Composé et imprimé par Specialised Printing Services Limited
40 Chigwell Lane, Loughton, Essex IG10 3TZ*

iii



or	
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
on	
by Codes	
and/or	
Special	
A-1	Special

Preface

The purpose of this AGARD publication is to assist members of the Aeronautical and Space Community by :

- Informing them about many scheduled International Scientific and Technical Meetings;
- Avoiding the need for them to consult several sources in order to find out what meetings have been planned, their dates and locations.

The AGARD Calendar is published every six months, in June and December of each year.

Details concerning the meetings listed in this particular issue of the Calendar have been obtained from National and International Organizations which sponsor Aeronautical and Space Meetings and from other sources (journals, periodicals, etc.).

Although care has been taken to ensure that information appearing in the booklet is correct, AGARD cannot be held responsible for an inaccurate entry or omission.

AGARD will be pleased to receive any information about future Aeronautical and Space Meetings for inclusion in the next issue, at least two months in advance of publication. Also, comments regarding the usefulness and suggestions for improvement of this publication would be welcome. Contributions should be sent to :

Scientific Publications Executive
AGARD
7, rue Ancelle, 92200 Neuilly-sur-Seine, France

or, for North American residents, to :

APO, New York, N.Y. 09777
Attention: SPE

(Remember to send full information, suitable for inclusion under the various column headings which appear in Part 2 of the Calendar by using the Meeting Forms printed on the last pages of this issue).

Préface

L'objet de cette publication de l'AGARD est de venir en aide aux membres de la Communauté aéronautique et spatiale :

- En les informant de nombreuses manifestations internationales prévues dans les domaines scientifique et technique ;
- En leur évitant l'obligation de consulter différentes sources pour déterminer les réunions qui ont été programmées, leurs dates et leur emplacement.

Le Calendrier de l'AGARD est publié tous les six mois, en juin et en décembre de chaque année.

Les renseignements concernant les manifestations mentionnées dans la présente édition du Calendrier ont été fournis par les organismes nationaux et internationaux patronnant des réunions aérospatiales ainsi que par d'autres sources (revues, périodiques, etc.).

Bien qu'il ait pris soin de vérifier la correction des informations figurant dans cette brochure, l'AGARD ne peut être tenu pour responsable d'une inexactitude ou omission éventuelle.

L'AGARD recevra avec plaisir toutes informations relatives à de futures manifestations aérospatiales destinées à être incluses dans la prochaine édition, à condition que cet envoi soit fait au moins deux mois avant la date de publication. De même, les commentaires concernant l'utilité de cette publication et les suggestions pour son amélioration seront les bienvenus. Ces contributions seront adressées à l' :

Officier chargé des Publications Scientifiques
AGARD
7, rue Ancelle, 92200 Neuilly-sur-Seine, France

ou, pour les lecteurs résidant en Amérique du Nord, à :

APO, New York, N.Y. 09777
Attention: SPE

(Prière d'envoyer des renseignements complets, susceptibles d'être inclus dans les différentes colonnes des tableaux du chapitre 2 de ce Calendrier, en se servant des fiches placées à cet effet in fine).

Instructions for Use

Three kinds of events are covered by this calendar :

- Technical Meetings, Conferences, and Symposia, held in all parts of the world, in the field of *Aerospace Research and Development* as well as in other directly related scientific fields, such as Energy, Geophysics, and Acoustics. These meetings are listed in chronological order under ten Topics (see Part 1).

(Note that meetings of relevance to more than one of the topics 01 to 09 are included in topic 10. Thus topic 10 should always be scanned in addition to those of specific interest.)

- Exhibitions and Technical displays covering the same fields of interest (Topic 11).
- Educational Courses, short or long, given by certain specialized institutions, (Topic 12).

For each Meeting, Exhibition, or Course, the following information is given, where known:

Reference number,
Date,
Location (see Country Code in Part 4),
Title and Sponsor,
Keywords indicating main topics covered (Part 3),
Contact code for inquiries (see Listing of Organizations in Part 5).

- * following the code letters indicates that attendance at the meeting is strictly by invitation.
- x in the left-hand margin indicates a new entry.
- † in the left-hand margin indicates an entry the details of which are incomplete or subject to confirmation.

A Subject Index in the form of keywords is given in Part 3, each keyword being followed by the reference numbers of all the meetings relevant to that particular keyword. (For example: "Aeroelasticity 06-23" means that the 23rd meeting listed under Topic 06 "Thermodynamics, Combustion, Propulsion and Energetics" deals with Aeroelasticity).

NOTE: AGARD cannot undertake to handle inquiries from readers concerning the various meetings. These should always be addressed to the contact listed in the last column of each entry.

(25) * Aerospace systems,
* Space technique, Symposia

Mode d'Emploi

Trois types de manifestations sont couvertes par ce calendrier :

- Les congrès techniques, conférences et symposiums organisés partout dans le monde dans le domaine de la *R & D Aérospatiale*, ainsi que dans d'autres domaines scientifiques directement connexes, tels que l'Energie, la Géophysique et l'Acoustique. Ces réunions sont réparties dans l'ordre chronologique en dix rubriques de thèmes (voir Ch. 1).

(Veuillez noter que les manifestations dont le programme couvre plusieurs thèmes parmi ceux qui sont indiqués ci-dessus de 01 à 09, sont regroupés sous la rubrique 10 (Thèmes Généraux). Par conséquent, le lecteur devrait toujours consulter la rubrique 10, en plus de celles qui représentent un intérêt particulier pour lui.)

- Les salons et expositions techniques ressortissant aux mêmes domaines d'intérêt (rubrique 11).
- Les cours de formation, de brève ou longue durée, donnés par certaines institutions spécialisées (rubrique 12).

Pour chaque congrès, salon ou cours sont fournis les renseignements ci-après, s'ils sont connus:

Numéro de référence

Dates

Emplacement (voir le Code des pays Ch. 4)

Organisme responsable et titre

Mots-clés identifiant les principaux thèmes concernés (Ch. 3).

Code des organismes à contacter pour tout renseignement (voir la liste Ch. 5)

Le symbole * suivant les lettres du code indique que l'assistance au congrès concerné ne peut se faire strictement que sur invitation.

Le symbole x dans la marge gauche des tableaux indique une nouvelle entrée.

Le symbole † dans la marge gauche des tableaux indique une entrée dont le détail est soit incomplet, soit sujet à confirmation.

Un index de sujets présentés sous forme de mots-clés est donné au chapitre 3, chaque mot-clé étant suivi des numéros de référence de toutes les manifestations ayant trait à ce sujet particulier. (Ainsi par exemple « Aero-clasticity 06-23 » signifie que le 23ème congrès figurant dans la rubrique 06 « Thermodynamique, Combustion, Propulsion et Energétique » traite d'Aéro-élasticité).

NOTA l'AGARD ne peut se charger de satisfaire les demandes d'information des lecteurs concernant les différentes manifestations signalées. Il conviendra toujours de contacter l'organisme indiqué dans la dernière colonne de chaque entrée.

Part 1

Topics List

	Page
01 — Aerospace Medicine and Biology	2
02 — Electronics, Optics and Metrology	5
03 — Flight Mechanics	22
04 — Fluid Dynamics and Acoustics	26
05 — Navigation, Guidance and Control	31
06 — Thermodynamics, Combustion, Propulsion and Energetics	35
07 — Structures, Materials and Applied Mechanics	39
08 — Atmospheric Physics and Earth Environment	55
09 — Information, Documentation and Data Processing	58
10 — General (interdisciplinary) and other Topics	67
11 — Exhibitions and Displays	82
12 — Educational Courses	84

Chapitre 1

Liste des Thèmes

	Page
01 — Médecine et Biologie aérospatiales	2
02 — Electronique, Optique et Métrologie	5
03 — Mécanique du Vol	22
04 — Dynamique des Fluides et Acoustique	26
05 — Navigation, Guidage et Pilotage	31
06 — Thermodynamique, Combustion, Propulsion et Energétique	35
07 — Structures, Matériaux et Mécanique appliquée	39
08 — Physique de l'Atmosphère et Environnement terrestre	55
09 — Information, Documentation et Informatique	58
10 — Thèmes généraux (pluridisciplinaires) et divers	67
11 — Salons et Expositions	82
12 — Cours de formation	84

Part 2 — Chapitre 2
Calendar of Selected Aeronautical and Space Meetings
Calendrier des Manifestations Aéronautiques et Spatiales (Sélection)

No.	Date	Location	Organization and Title	Key Words	Contact
01-01	24 February— 1 March	San Jose, California (US)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> 01 — AEROSPACE MEDICINE AND BIOLOGY </div> <p style="text-align: center;">Year 1991</p> SPIE Conference on Medical Imaging V	Aviation medicine Space medicine Image processing Display devices	SPIE
01-02	17 April	London (UK)	RAES Conference on Drug and Alcohol Abuse	Aviation medicine Flight crews Drugs Flight fitness	RAES
01-03	5—9 May	Cincinnati, Ohio (US)	ASMA 62nd Annual Scientific Meeting	Aviation medicine Space medicine Physiology Human factors Psychology	ASMA

01-04	8-10 July	San Francisco, California (US)	SAE-AIAA-ASMA-ASME Intersociety Conference on Environmental Systems	Aircraft systems Spacecraft systems Environmental control Life support systems Systems engineering	SAE AIAA
01-05	3-6 September	Copenhagen (DA)	WFUMB 6th World Congress on Ultrasound in Medicine and Biology	Aviation medicine Space medicine Biology Ultrasonics	WFUMB
01-06	October	Turin (IT)	ASE Symposium on Thermal Control and Life Support Systems	Life support systems Spacecraft systems Temperature Environmental control	ASE
01-07	7-8 October	Toronto, Ontario (CA)	AGARD/AMP Lecture Series 175 on Motion Sickness: Significance in Aerospace Operations and Prophylaxis	Motion sickness Flight crews Air operations Space operations	AGARD*
01-08	14-18 October	Rome (IT)	AGARD/AMP 72nd Panel Meeting/Symposium on Allergic, Immunological and Infectious Disease Problems in Aerospace Medicine	Aviation medicine Space medicine Flight fitness Physiology	AGARD*
01-09	24-25 October	Athens (GR)	AGARD/AMP Lecture Series 175 on Motion Sickness: Significance in Aerospace Operations and Prophylaxis	Motion sickness Flight crews Air operations Space operations	AGARD*

x†

x†

x†

x†

01 -- AEROSPACE MEDICINE AND BIOLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
01-10	28-29 October	Utrecht (NE)	Year 1991 AGARD/AMP Lecture Series 175 on Motion Sickness: Significance in Aerospace Operations and Prophylaxis	Motion sickness Flight crews Air operations Space operations	AGARD*
01-11	31 October- 3 November	Lake Buena Vista, Florida (US)	IEEE(EMB) Engineering in Medicine and Biology Society 13th Annual Conference	Aviation medicine Space medicine Biology Engineering design	IEEE
01-12	June	Bordeaux (FR)	Year 1992 AAAF Journée de la Biologie et Médecine Spatiales	Space medicine Biology Space environment	AAAF
01-13	6-10 September	Geneva (CH)	IFIP 7th World Congress on Medical Informatics	Aviation medicine Space medicine Data processing Information systems	IFIP
01-14	29 October- 1 November	Paris (FR)	IEEE (EMB) Conference on Engineering in Medicine and Biology	Aviation Space medicine Biology Engineering design	IEEE

xt

xt

x

**02 — ELECTRONICS, OPTICS
AND METROLOGY**

Year 1991

x	02-01	9—11 January	San Juan (PR)	IFIP Workshop on Formal Methods in VLSI Design	Integrated circuits Electronic systems Solid state devices Engineering design	IFIP
	02-02	14—18 January	Courchevel (FR)	CNES—CNRS—ISPRS—ASE 5ème Colloque International Mesures Physiques et Signature Spectrale en Télédétection	Remote sensing Measurement techniques Sensors	CNES CNRS ISPRS ASE
x	02-03	16 January	London (UK)	RIN Meeting Air and Marine Radar Developments	Airborne radars Ground radars Marine systems Research and development	RIN
	02-04	20—25 January	Los Angeles, California (US)	SPIE OE/LASE '91 Optics, Electro-Optics and Laser Applications in Science and Engineering Technical Symposium and Exhibition	Optical systems Electro-optics Lasers Fibre optics	SPIE
	02-05	29—31 January	Orlando, Florida (US)	IEEE (R)—ASME—AIAA Reliability and Maintainability Symposium	Reliability Maintainability Aircraft systems Spacecraft systems Electronic systems	IEEE ASME AIAA

02 - ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-06	18-22 February	San Diego, California (US)	OSA Conference on Optical Fibre Communications Year 1991	Optical communications Fibre optics Optical systems	OSA
02-07	20-22 February	Tsukuba (JA)	AIAA - NASDA Joint Earth-Observing Mission Standards Workshop	Remote sensing Surveillance Earth atmosphere Observation satellites	AIAA
02-08	24 February - 1 March	San Jose, California (US)	SPIE - SPSE Symposium on Electronic Imaging Science and Technology	Electronic systems Image processing Data processing Research and development	SPIE SPSE
02-09	26-28 February	Los Angeles, California (US)	IEEE (AES) Winter Convention on Aerospace and Electronic Systems	Electronic systems Avionics Aerospace industry Spacecraft systems	IEEE
02-10	3-8 March	San Jose, California (US)	SPIE Symposium on Microlithography	Integrated circuits Measurement techniques Fabrication processes Electron beams	SPIE

x

x

02-11	11-15 March	The Hague (NL)	EPS—EUROPTICA—SPIE International Congress on Optical Science and Engineering	Optical systems Sensors Measurement techniques Lasers	EPS EUROPTICA SPIE
02-12	12-13 March	Los Angeles, California (US)	IEEE(AES) National Radar Conference The Impact of Microelectronics on Radar Systems	Airborne radars Ground radars Detection Microwaves Electronic systems	IEEE
02-13	12-14 March	Zurich (CH)	ETHZ Symposium on Electromagnetic Compatibility	Electromagnetic compatibility Electronic systems Avionics Electromagnetic propagation Radio frequency interference	ETHZ
02-14	17-20 March	Edinburgh (UK)	IEE—BCS 3rd Conference on Telecommunications	Radio communications Satellite communications Data transmission	IEE BCS
02-15	18-19 March	London (UK)	RS Discussion Meeting on Communications Technology After 2000 AD	Radio communications Optical communications Satellite communications Voice communication	RS
02-16	18-20 March	Kyoto (JA)	IEEE International Conference on Microelectronic Test Structures	Electronic systems Ground testing Microprocessors Automatic test equipment	IEEE

x

x

x

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-17	24—29 March	Baltimore, Maryland (US)	ASPRS — ACSM Annual Meeting (Remote sensing) Year 1991	Aerial photography Earth resources survey Remote sensing Mapping	ASPRS ACSM
02-18	1—5 April	Orlando, Florida (US)	SPIE—AIAA Technical Symposium on Optical Engineering and Photonics in Aerospace Sensing	Optical systems Electro-optics Sensors Photon beams Remote sensing	SPIE AIAA
02-19	7—11 April	Bal Harbour, Florida (US)	IEEE INFOCOM 91	Radio communications Satellite communications Electromagnetic propagation Data transmission	IEEE
02-20	8—11 April	Las Vegas, Nevada (US)	IEEE (ED — R) International Reliability Physics Symposium	Electronic systems Electrical systems Solid state devices Reliability	IEEE
02-21	10—12 April	Oxford (UK)	IOP Conference on Electrostatics	Electronic systems Electrical systems Avionics Static electricity Lightning protection	IOP

02-22	14-18 April	York (UK)	IEEE 7th International Conference on Antennas and Propagation	Antennas Electromagnetic propagation Radio communications	IEEE
02-23	6-10 May	Montreal, Quebec (CA)	AGARD/EPP 48th Panel Meeting/Symposium on Target and Clutter Scattering and their Effects on Military Radar Performance	Airborne radar Military aircraft Electromagnetic propagation Scattering Performance prediction	AGARD*
02-24	12-17 May	Baltimore, Maryland (US)	IEEE (LEOS)—OSA CLEO—QELS '91	Lasers Stimulated emission devices Electro-optics	IEEE OSA
02-25	13-15 May	San Diego, California (US)	IEEE (ED) Conference on Custom Integrated Circuits	Integrated circuits Engineering design Solid state devices Electronic systems	IEEE
02-26	13-17 May	Lisbon (PO)	AGARD/AVP 61st Panel Meeting/Symposium on Machine Intelligence for Avionics Systems	Avionics Aircraft systems Artificial intelligence Electronic computers	AGARD*
02-27	14-17 May	Toronto, Ontario (US)	IEEE International Conference on Acoustics, Speech and Signal Processing	Signal processing Voice communication Acoustic propagation Electronic systems	IEEE

xt

x

xt

x

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-28	15 May	London (UK)	RAES Conference on Mobile Communications Year 1991	Radio communications Electromagnetic propagation Data transmission	RAES
02-29	20—24 May	Dayton, Ohio (US)	IEEE (AES) National Aerospace and Electronics Conference	Electronic systems Avionics Aerospace industry Spacecraft systems	IEEE
02-30	22—24 May	Ljubljana (YU)	IEEE—MELECON 91 Mediterranean Electrotechnical Conference	Electrical systems Engineering design Electronic systems Spacecraft systems Aircraft systems	IEEE MELECON
02-31	28—31 May	Nanjing (CN)	INTELSAT Symposium on Global Satellite Communications	Satellite communications Radio communications Electromagnetic propagation	INTELSAT
02-32	29—31 May	Rotterdam (NL)	ISHM 8th European Hybrid Microelectronics Conference	Electronic systems Integrated circuits Solid state devices Engineering design	ISHM

†	02-33	June	Hamburg (GE)	IEEE (CS) International Conference on Communications	Radio communications Satellite communications Optical communications Electromagnetic propagation	IEEE
x	02-34	9--10 June	Boston, Massachusetts (US)	IEEE (MTT) Microwave and Millimetre Wave Monolithic Circuits Symposium	Microwaves Integrated circuits Electronic systems Solid state devices	IEEE
	02-35	9--14 June	Boston, Massachusetts (US)	IEEE (MTT) International Microwave Symposium	Microwaves Airborne radars Ground radars Electromagnetic propagation Radio communications	IEEE
xt	02-36	10--11 June	Kjeller (NO)	AGARD/EPP Lecture Series 177 on Electromagnetic Interference and Electromagnetic Compatibility	Electromagnetic compatibility Radio frequency interference Electromagnetic propagation Avionics	AGARD*
x	02-37	10--14 June	Munich (GE)	SPIE LASER '91 (Optoelectronics, Microwaves) 10th International Trade Fair and International Congress	Lasers Electro-optics Microwaves Stimulated emission devices	SPIE

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-38	11-14 June	Singapore (SG)	Year 1991 IEEE International Symposium on Circuits and Systems	Electronic systems Integrated circuits Research and development	IEEE
02-39	13-14 June	Koenigswinter (GE)	AGARD/EPP Lecture Series 177 on Electromagnetic Interference and Electromagnetic Compatibility	Electromagnetic compatibility Radio frequency interference Electromagnetic propagation Avionics	AGARD*
02-40	17-18 June	Lisbon (PO)	AGARD/EPP Lecture Series 177 on Electromagnetic Interference and Electromagnetic Compatibility	Electromagnetic compatibility Radio frequency interference Electromagnetic propagation Avionics	AGARD*
02-41	18-20 June	Los Angeles, California (US)	SAMPE 5th International Conference on Electronic Materials and Processes	Electronic systems Semiconductors Fabrication processes Materials	SAMPE

x

xt

x

x	02-42	19-21 June	London (UK)	IGI 9th Annual European Fibre Optic Communications and Local Area Network Conference	Fibre optics Optical communications Data transmission Electro-optics	IGI
	02-43	23-26 June	Denver, Colorado (US)	IEEE (COM) International Conference on Communications	Radio communications Satellite communications Avionics Electromagnetic propagation	IEEE
	02-44	23-27 June	London, Ontario (CA)	IEEE (AP) - URSI International Symposium on Antennas and Propagation	Antennas Electromagnetic propagation Radio communications	IEEE URSI
	02-45	24-28 June	San Francisco, California (US)	IEEE (ED) - UCB International Conference on Solid-State Sensors and Actuators	Solid state devices Sensors Actuators	IEEE UCB
	02-46	15-17 July	Nagoya (JA)	UN 7th International Conference on Vapour Growth and Epitaxy	Semiconductors Fabrication processes Vapour phases	UN
	02-47	21-24 July	Edinburgh (UK)	IEE 5th International Conference on HF Radio Systems and Techniques	Radio communications High frequencies Electronic systems Electromagnetic propagation	IEE

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-48	21—26 July	San Diego, California (US)	Year 1991 SPIE 36th Annual International Technical Symposium on Optical and Optoelectronic Applied Science and Engineering	Optical systems Electro-optics Image processing Photography	SPIE
02-49	13—15 August	Cherry Hill, New Jersey (US)	IEEE (EMC) International Symposium on Electromagnetic Compatibility	Electronic systems Avionics Electromagnetic compatibility Electromagnetic propagation Radio frequency interference	IEEE
02-50	20—22 August	Edinburgh (UK)	IFIP VLSI '91	Integrated circuits Electronic systems Solid state devices Fabrication processes	IFIP
02-51	28—30 August	Yokohama (JA)	BCAS International Conference on Solid State Devices and Materials	Solid state devices Materials Semiconductors Fabrication processes	BCAS
02-52	2—6 September	Loughborough (UK)	IEE 6th International Conference on Digital Processing of Signals in Communications	Signal processing Digital systems Radio communications	IEE

x

x

x	02-53	3-6 September	Florence (IT)	ASE 4th European Conference on Power Electronics and Applications	Electronic systems Power sources Engineering design Spacecraft systems	ASE
	02-54	9-12 September	Stuttgart (GE)	VDE 21st European Microwave Conference	Microwaves Ground radars Airborne radars Electromagnetic propagation Radio communications	VDE
	02-55	10-13 September	Bristol (UK)	IOP Biennial Conference on Advances in Instrumentation and Techniques for Electron and Other Microscopies	Electron microscopy Instruments Measurement techniques Electro-optics Optical microscopy	IOP
	02-56	15-20 September	San Jose, California (US)	SPIE Symposium on Microelectronic Interconnect and Integration Processing	Electronic systems Image processing Data processing Integrated data systems	SPIE
	02-57	17-21 September	Portland, Oregon (US)	ASPRS - ACSM Fall Technical Meeting (Mapping remote sensing)	Aerial photography Earth resources survey Remote sensing Mapping	ASPRS ACSM
	02-58	1-4 October	Hokkaido (JA)	BCAS-SPIE International Symposium on Optical Memory	Optical systems Databases Data processing Electro-optics	BCAS SPIE

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-59	6—9 October	Chicago, Illinois (US)	Year 1991 IEEE 37th Conference on Electrical Contacts	Electrical systems Electronic systems Electric contacts Reliability	IEEE
x	02-60	Rochester, New York (US)	SPIE Symposium on Advanced Optics and Imaging	Optical systems Optical properties Optical communications Image processing	SPIE
xt	02-61	Çeşme (TU)	AGARD/EPP 49th Panel Meeting/Symposium on Remote Sensing of the Propagation Environment	Remote sensing Electromagnetic propagation Ionosphere	AGARD*
x	02-62	Wuhan (CN)	HUST 1st International Conference on Optical Fibre Sensors	Fibre optics Sensors Optical systems	HUST
xt	02-63	Dayton, Ohio (US)	AGARD/AVP Lecture Series 176 on The Conflicting Forces Driving Future Avionics Acquisitions	Avionics Aircraft systems Logistics Management	AGARD*

x	02-64	20-23 October	McLean, Virginia (US)	IEEE (COM) Conference on Military Communications	Radio communications Satellite communications Optical communications Electromagnetic propagation	IEEE
†	02-65	November	West Coast (US)	SPIE Symposium on Microelectronic Processing Integration	Electronic systems Integrated circuits Fabrication processes Solid state devices	SPIE
	02-66	3-8 November	San Jose, California (US)	OSA Annual Meeting and Exhibition	Optical systems Optical properties Optical communications Lasers	OSA
xt	02-67	4-5 November	London (UK)	AGARD/AVP Lecture Series 176 on The Conflicting Forces Driving Future Avionics Acquisitions	Avionics Aircraft systems Logistics Management	AGARD*
x	02-68	5-8 November	Kyoto (JA)	IEEE (COM) International Conference on Telecommunications Energy	Radio communications Satellite communications Power sources Energy conversion	IEEE
xt	02-69	7-8 November	Madrid (SP)	AGARD/AVP Lecture Series 176 on The Conflicting Forces Driving Future Avionics Acquisitions	Avionics Aircraft systems Logistics Management	AGARD*

02 - ELECTRONICS, OPTICS AND METROLOGY (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
x	02-70	Boston, Massachusetts (US)	Year 1991 SPIE Conference on Visual Communications and Image Processing	Optical communications Television Image processing Electro-optics	SPIE
x	02-71	Phoenix, Arizona (US)	IEEE Conference on Global Communications	Radio communications Satellite communications Optical communications Data transmission	IEEE
x	02-72	Bangalore (IN)	SPIE Conference on Emerging Optoelectronic Technologies	Electro-optics Research and development Optical systems Engineering design	SPIE
x	02-73	San Francisco, California (US)	Year 1992 IEEE (SP) International Conference on Acoustics, Speech and Signal Processing	Acoustic propagation Signal processing Voice communication Electronic systems	IEEE
x	02-74	Boston, Massachusetts (US)	IEEE (ED) Conference on Custom Integrated Circuits	Integrated circuits Electronic systems Solid state devices Engineering design	IEEE

02-75	18-22 May	Dayton, Ohio (US)	IEEE (AES) National Aerospace and Electronics Conference	Electronic systems Avionics Aerospace industry Spacecraft systems	IEEE
02-76	18-22 May	Copenhagen (DA)	INTELSAT 9th International Conference on Digital Satellite Communications	Satellite communications Radio communications Digital systems Data transmission	INTELSAT
02-77	18-31 May	Madrid (SP)	ISPRS 17th Quadrennial Congress (Remote sensing, photogrammetry)	Remote sensing Image processing Electro-optics Photography Measurement techniques	ISPRS
02-78	2-4 June	Albuquerque, New Mexico (US)	IEEE (MTT) International Symposium on Microwaves	Microwaves Radio communications Electromagnetic propagation Airborne radars Ground radars	IEEE
02-79	14-17 June	Chicago, Illinois (US)	IEEE (COM) International Conference on Communications	Radio communications Satellite communications Optical communications Electromagnetic propagation	IEEE
02-80	1-3 July	Grenoble (FR)	IFAC Symposium on Adaptive Control and Signal Processing	Signal processing Automatic control Electronic systems Electrical systems	IFAC

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-81	18—25 July	Chicago, Illinois (US)	Year 1992 IEEE (AP)—URSI International Symposium on Antennas and Propagation	Antennas Electromagnetic propagation Radio communications	IEEE URSI
02-82	22—25 September	Sapporo (JA)	NTT International Symposium on Antennas and Propagation	Antennas Electromagnetic propagation Radio communications	NTT
02-83	26—30 October	Yokohama (JA)	IEICEJ 14th International Switching Symposium	Switching Electrical systems Electronic systems Radio communications	IEICEJ
02-84	26—28 January	Atlanta, Georgia (US)	Year 1993 IEEE (R)—AIAA—ASME Reliability and Maintainability Symposium	Reliability Maintainability Aircraft systems Spacecraft systems Electronic systems	IEEE ASME AIAA
02-85	March	Johannesburg (SA)	IFIP International Conference on Data Communications	Data transmission Electronic computers Information systems Radio communications	IFIP

x

x†

x	02-86	9-12 May	San Diego, California (US)	IEEE (ED) Custom Integrated Circuits Conference	Integrated circuits Electronic systems Solid state devices Engineering design	IEEE
x	02-87	23-26 May	Geneva (CH)	IEEE (COM) International Conference on Communications	Radio communications Satellite communications Optical communications Electromagnetic propagation	IEEE
	02-88	24-28 May	Dayton, Ohio (US)	IEEE (AES) National Aerospace and Electronics Conference	Electronic systems Avionics Aerospace industry Spacecraft systems	IEEE
x	02-89	15-17 June	Atlanta, Georgia (US)	IEEE (MTT) International Microwave Symposium	Microwaves Radio communications Ground radars Airborne radars	IEEE
x	02-90	28 June- 2 July	Ann Arbor, Michigan (US)	IEEE (AP)-URSI International Symposium on Antennas and Propagation	Antennas Radio communications Electromagnetic propagation	IEEE URSI
†	02-91	August	Grenoble (FR)	IFIP VLSI '93	Integrated circuits Solid state devices Electronic systems Fabrication processes	IFIP

03 -- FLIGHT MECHANICS

No.	Date	Location	Organization and Title	Key Words	Contact
			<div style="border: 1px solid black; padding: 5px; display: inline-block;">03 -- FLIGHT MECHANICS</div> Year 1991		
x	03-01 11 -- 13 February	Houston, Texas (US)	AAS -- AIAA Spaceflight Mechanics Meeting	Spacecraft Flight control Flight characteristics	AAS AIAA
x	03-02 22 -- 26 April	Rhode-St-Genèse (BE)	VKI Lecture Series on Aircraft Dynamics at High Angles of Attack	Aircraft aerodynamics Mathematical models Wind tunnels Ground testing	VKI*
xt	29 April -- 3 May	Toulouse (FR)	AGARD/FDP 68th Panel Meeting/Specialists Meetings on Effects of Adverse Weather on Aerodynamics and Aerodynamics for Enhancement of Fighter Manoeuvrability	Aircraft aerodynamics Military aircraft Flight characteristics Flight control Handling qualities Meteorology	AGARD*
x	03-04 1 -- 2 May	London (UK)	RAES Conference on Flight Simulation -- European Opportunities	Flight simulators Flight characteristics Flight control	RAES

x	03-05	13-17 May	Rhode-St-Genèse (BE)	VKI Lecture Series on Engineering Methods in Aerodynamic Analysis and Design of Aircraft	Aircraft aerodynamics Aircraft Engineering design Mathematics Computer simulation	VKI*
xt	03-06	20-24 May	Seville (SP)	AGARD/FMP 78th Panel Meeting/Symposium on Aircraft/Ship Operations	Aircraft Air operations Marine systems Aircraft aerodynamics	AGARD*
x	03-07	3-6 June	Aachen (GE)	DGLR - AIAA International Forum on Aeroelasticity and Structural Dynamics	Aeroelasticity Aircraft structures Dynamic loads Aircraft aerodynamics Aerodynamic loads	AIAA DGLR
x	03-08	12-14 August	New Orleans, Louisiana (US)	AIAA Conference on Atmospheric Flight Mechanics	Aircraft aerodynamics Spacecraft aerodynamics Flight characteristics Flight control	AIAA
x	03-09	12-14 August	New Orleans, Louisiana (US)	AIAA Flight Simulation Technologies Conference and Exhibition	Flight simulators Flight control Flight characteristics Computer simulation	AIAA
x	03-10	30 September - 4 October	Darmstadt (GE)	ASE 3rd International Symposium on Spacecraft Flight Dynamics	Spacecraft Flight characteristics Dynamic loads Dynamic stability	ASE

03 - FLIGHT MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
xt 03-11	7-11 October	Fort Worth, Texas (US)	AGARD/FDP 69th Panel Meeting/Symposium on Aerodynamic Engine/Airframe Integration Year 1991	Aircraft aerodynamics Gas turbine engines Aircraft structures Internal aerodynamics	AGARD*
xt 03-12	14-18 October	Brussels (BE)	AGARD/FMP 79th Panel Meeting/Symposium on Piloted Simulation Effectiveness	Flight simulators Human factors Performance prediction Flight control	AGARD*
xt 03-13	4-5 November	Munich (GE)	AGARD/FMP Lecture Series 178 on Rotorcraft System Identification	Helicopters Aircraft systems Aircraft aerodynamics Flight characteristics	AGARD*
xt 03-14	7-8 November	Rome (IT)	AGARD/FMP Lecture Series 178 on Rotorcraft System Identification	Helicopters Aircraft systems Aircraft aerodynamics Flight characteristics	AGARD*
xt 03-15	13-14 November	College Park, Maryland (UK)	AGARD/FMP Lecture Series 178 on Rotorcraft System Identification	Helicopters Aircraft systems Aircraft aerodynamics Flight characteristics	AGARD*

xt

03-16

August

Orlando, Florida
(US)

AIAA Conference on Atmospheric Flight
Mechanics

Year 1992

Aircraft aerodynamics
Spacecraft aerodynamics
Flight characteristics
Flight control

AIAA

04 -- FLUID DYNAMICS AND ACOUSTICS

No.	Date	Location	Organization and Title	Key Words	Contact
x	04-01 3 January	London (UK)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> 04 -- FLUID DYNAMICS AND ACOUSTICS </div> Year 1991 RAES Conference on Current Aerodynamic Research	Aircraft aerodynamics Spacecraft aerodynamics Gas dynamics Research and development	RAES
x	04-02 14--18 January	Rhode-St-Genèse (BE)	VKI Lecture Series Introduction to Computational Fluid Dynamics	Fluid mechanics Gas dynamics Mathematics Numerical analysis	VKI
x	04-03 15--17 January	Aussois (FR)	EUROMECH 272 Response of Shear Flows to Imposed Unsteadiness	Unsteady flow Fluid mechanics Gas dynamics	EUROMECH
x	04-04 28 January -- 1 February	Rhode-St-Genèse (BE)	VKI Lecture Series on New Approaches in the Description and Modelling of Turbulence	Turbulent flow Gas dynamics Mathematical models Fluid mechanics	VKI

x	04-05	11-15 February	Aachen (GE)	DGLR-AIAA 14th Aeroacoustics Conference	Acoustic propagation Aircraft aerodynamics Gas dynamics Noise reduction Aircraft noise	DGLR AIAA
x	04-06	18-22 February	Rhode-St-Genèse (BE)	VKI Lecture Series on Computational Fluid Dynamics	Fluid mechanics Gas dynamics Mathematical models Numerical analysis	VKI
x	04-07	4-8 March	Rhode-St-Genèse (BE)	VKI Lecture Series on Boundary Layers in Turbomachines	Boundary layers Internal aerodynamics Turbines Gas turbine engines Mathematical models	VKI
x	04-08	18-22 March	Rhode-St-Genèse (BE)	VKI Lecture Series Introduction to the Modelling of Turbulence	Turbulent flow Gas dynamics Mathematical models Fluid mechanics	VKI
x	04-09	8-12 April	Rhode-St-Genèse (BE)	VKI Lecture Series on Measurement Techniques	Fluid mechanics Gas dynamics Measurement techniques Instruments	VKI
x	04-10	8-12 April	Prague (CZ)	EUROMECH 274 Internal High Speed Flows with Viscous/Inviscid Interactions	Inviscid flow Viscous flow Internal aerodynamics Gas dynamics	EUROMECH

04 — FLUID DYNAMICS AND ACOUSTICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x	04-11 9-12 April	Cambridge (UK)	Year 1991 RAES International Conference on Boundary Layer Transition and Control	Boundary layers Aircraft aerodynamics Transitional flow	RAES
x	04-12 28-30 May	Noordwijk (NL)	ASE-AAAF-CNES-DGLR-DLR 1st European Symposium on Aerothermodynamics for Space Vehicles	Spacecraft aerodynamics Thermodynamics Internal aerodynamics Spacecraft propulsion	ASE (ESA) AAAF CNES DGLR DLR
x	04-13 10-14 June	Rhode-St-Genèse (BE)	VKI Lecture Series on Laser Velocimetry	Fluid mechanics Gas dynamics Measurement techniques Lasers	VKI
x	04-14 24-26 June	Honolulu, Hawaii (US)	AIAA 10th Computational Fluid Dynamics Conference	Fluid mechanics Numerical analysis Mathematics Computer simulation	AIAA
†	04-15 24-26 June	Honolulu, Hawaii (US)	AIAA 22nd Fluid and Plasmadynamics Conference	Fluid mechanics Gas dynamics Plasmas Magnetohydrodynamics	AIAA
x	04-16 2-4 July	Delft (NL)	EUROMECH 279 Image Analysis as Measuring Technique in Flows	Fluid mechanics Measurement techniques Image processing	EUROMECH

x	04-17	21—26 July	Sendai (JA)	IFS 18th International Symposium on Shock Waves	Shock waves Gas dynamics Aircraft aerodynamics Spacecraft aerodynamics	IFS
x	04-18	16—20 September	Rhode-St-Genèse (BE)	VKI Lecture Series on Computer Graphics and Flow Visualization in Computational Fluid Dynamics	Fluid mechanics Gas dynamics Computer graphics Flow visualization Mathematics	VKI
x	04-19	16—20 September	Cambridge (UK)	EUROMECH 1st European Fluid Mechanics Conference	Fluid mechanics Numerical analysis Research and development	EUROMECH
x	04-20	23—26 September	Baltimore, Maryland (US)	AIAA 9th Applied Aerodynamics Conference	Aircraft aerodynamics Spacecraft aerodynamics Internal aerodynamics Gas dynamics	AIAA
x	04-21	25—27 September	Lausanne (CH)	GAMM 9th Conference on Numerical Methods in Fluid Mechanics	Fluid mechanics Numerical analysis Mathematics	GAMM
x	04-22	15—16 October	Philadelphia, Pennsylvania (US)	AHS Mid East Region Specialists' Meeting on Rotorcraft Acoustics/Fluid Dynamics	Helicopters Aircraft aerodynamics Acoustic propagation Aircraft noise	AHS

04 — FLUID DYNAMICS AND ACOUSTICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
04-23	11—15 May	Aachen (GE)	DGLR—AIAA Aeroacoustics Conference Year 1992	Acoustic propagation Aircraft aerodynamics Gas dynamics Noise reduction Aircraft noise	DGLR AIAA
04-24	15—18 June	Los Angeles, California (US)	AIAA — ASME National Fluid Dynamics Congress	Fluid mechanics Gas dynamics Aircraft aerodynamics Spacecraft aerodynamics	AIAA ASME
04-25	August	Seattle, Washington (US)	AIAA 7th International Symposium on Flow Visualization	Gas dynamics Fluid mechanics Measurement techniques Flow visualization	AIAA

05 - NAVIGATION, GUIDANCE AND CONTROL

Year 1991

x	05-01	12 February	London (UK)	RIN - RAES Joint Meeting The European Navigation Scene in the 1990's	Navigation systems Spacecraft systems Research and development	RIN RAES
x	05-02	21 March	London (UK)	RAES Conference on Fibre Optic Techniques in Guided Flight	Fibre optics Guidance Aircraft systems Flight control	RAES
x	05-03	25-28 March	Edinburgh (UK)	IEE International Conference Control '91	Automatic control Electrical systems Electronic systems Systems engineering	IEE
xt	05-04	17 April	London (UK)	IME - RAES Seminar on Technology of Inertial Sensors and Systems	Inertial systems Sensors Aircraft systems Navigation	IME RAES
xt	05-05	6-10 May	Thessalonika (GR)	AGARD/GCP 52nd Panel Meeting/Symposium on Software for Guidance and Control	Guidance Automatic control Software Aircraft systems Spacecraft systems	AGARD*

05 -- NAVIGATION, GUIDANCE AND CONTROL (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x† 05-06	June	Noordwijk (NL)	ASE Symposium on Attitude and Orbit Control Systems Year 1991	Spacecraft Navigation Attitude Spacecraft systems Automatic control	ASE
x 05-07	26--28 June	Boston, Massachusetts (US)	ISA--IFAC Meeting on Automatic Control Systems	Automatic control Electrical systems Electronic systems Systems engineering	ISA IFAC
x 05-08	2--5 July	Grenoble (FR)	CNES--CEC European Control Conference	Automatic control Electrical systems Electronic systems Systems engineering	CNES CEC
05-09	19--23 July	Southampton (UK)	IFAC 12th Symposium on Automatic Control in Aerospace: Intelligent Autonomous Vehicle	Automatic control Spacecraft Spacecraft systems Flight control Command and control	IFAC
x 05-10	12--14 August	New Orleans, Louisiana (US)	AIAA Conference on Guidance, Navigation and Control	Guidance Navigation Flight control Aircraft systems Spacecraft systems	AIAA

x	05-11	12-16 August	Arlington, Virginia (US)	IEEE (CS) 6th International Symposium on Intelligent Control	Automatic control Artificial intelligence Electronic computers	IEEE
	05-12	16-18 September	Vienna (AU)	IFAC-IMACS-IFIP Symposium on Robot Control	Automatic control Electronic computers Sensors Robotics	IFAC IMACS IFIP
xt	05-13	10-11 October	Monterey, California (US)	AGARD/GCP Lecture Series 179 on Artificial Neural Network Approaches in Guidance and Control	Guidance Automatic control Network analysis Aircraft systems Spacecraft systems	AGARD*
xt	05-14	14-15 October	Kjeller (NO)	AGARD/GCP Lecture Series 179 on Artificial Neural Network Approaches in Guidance and Control	Guidance Automatic control Network analysis Aircraft systems Spacecraft systems	AGARD*
xt	05-15	17-18 October	Neubiberg (GE)	AGARD/GCP Lecture Series 179 on Artificial Neural Network Approaches in Guidance and Control	Guidance Automatic control Network analysis Aircraft systems Spacecraft systems	AGARD*
x	05-16	4-8 November	London (UK)	RIN Seminar, Conference and Exhibition on Satellite Navigation	Navigation Spacecraft Navigation satellites Positioning	RIN

05 - NAVIGATION, GUIDANCE AND CONTROL (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 05-17	11-13 December	Brighton (UK)	Year 1991 IEEE (CS) Conference on Decision and Control	Decision-making Command and control Electronic computers	IEEE
x 05-18	15-17 December	Tucson, Arizona (US)	Year 1992 IEEE (CS) Conference on Decision and Control	Decision-making Command and control Electronic computers	IEEE
† 05-19	August	Sydney (OS)	Year 1993 IFAC 12th Triennial Congress	Automatic control Electrical systems Electronic systems Systems engineering	IFAC

06 - THERMODYNAMICS, COMBUSTION, PROPULSION AND ENERGETICS		Year 1991					
x	06-01	7-10 January	Albuquerque, New Mexico (US)	DOE-NASA-AICHE 8th Symposium on Space Nuclear Power Systems	Nuclear energy Power sources Spacecraft propulsion Spacecraft systems	DOE NASA AICHE	
	06-02	8-11 April	Bournemouth (UK)	IPSS 17th International Power Sources Symposium	Fuel cells Solar cells Thermoelectric generators Power sources Energy conversion	IPSS	
x	06-03	8-12 April	Lisbon (PO)	CEC 10th European Conference and Exhibition on Photovoltaic Solar Energy	Solar energy Power sources Energy conversion Solar cells	CEC	
	06-04	11-13 April	Paris (FR)	SEE-AIAA 2nd International Symposium on Power from Space	Power sources Energy conversion Space environment Solar energy	SEE AIAA	
	06-05	20-21 May	Baden (AU)	ALENCA 8th World Conference on Thermal Analysis	Thermal analysis Thermodynamics Heat transfer Measurement techniques	ALENCA	

06 — THERMODYNAMICS, COMBUSTION, PROPULSION AND ENERGETICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
06-06	27-31 May	San Antonio, Texas (US)	<p style="text-align: center;">Year 1991</p> AGARD/PEP 77th Panel Meeting/Symposium on CFD Techniques for Propulsion Applications	Aircraft propulsion Internal aerodynamics Aircraft aerodynamics Numerical analysis Gas turbine engines	AGARD*
06-07	3-6 June	Orlando, Florida (US)	ASME 36th International Gas Turbine and Aeroengine Congress and Exposition	Gas turbine engines Aircraft propulsion Aircraft systems Engineering design	ASME
06-08	20-21 June	Paris (FR)	AAAF Forum Européen sur la Propulsion Aéronautique	Aircraft propulsion Gas turbine engines Piston engines Engineering design	AAAF
06-09	24-26 June	Honolulu, Hawaii (US)	AIAA 26th Thermophysics Conference	Thermodynamics Thermal analysis Thermal radiation Heat transfer	AIAA
06-10	24-26 June	Sacramento, California (US)	AIAA — SAE — ASME 27th Propulsion Conference and Exhibition	Aircraft propulsion Missile propulsion Spacecraft propulsion Gas turbine engines Rocket engines	AIAA SAE

xt

x

x

x	06-11	15-19 July	Sydney (OS)	UNSW 4th International Symposium on Transport Phenomena, Heat and Mass Transfer	Heat transfer Mass transfer Thermodynamics Transport properties	UNSW
	06-12	3-9 August	Boston, Massachusetts (US)	IEEE (ED) - AICHE - ACS - ASME 26th Intersociety Energy Conversion Engineering Conference	Energy conversion Power sources Aircraft propulsion Spacecraft propulsion Solar energy	IEEE AICHE
	06-13	17-24 August	Denver, Colorado (US)	ASES Biennial Congress on Solar Energy for the 21st Century	Solar energy Power sources Energy conversion Solar cells	ASES
x	06-14	2-6 September	Nottingham (UK)	RAES 10th International Symposium on Air-Breathing Engines	Aircraft propulsion Gas turbine engines Piston engines Engines	RAES
x	06-15	2-6 September	Florence (IT)	ASE European Space Power Conference	Power sources Spacecraft propulsion Solar energy Energy conversion	ASE
x	06-16	1-4 June	Cologne (GE)	ASME - IGTI 37th International Gas Turbine and Aeroengine Congress and Exposition Year 1992	Gas turbine engines Aircraft propulsion Engineering design	ASME IGTI

06 — THERMODYNAMICS, COMBUSTION, PROPULSION AND ENERGETICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
06-17	6—8 July	Nashville, Tennessee (US)	AIAA 27th Thermophysics Conference Year 1992	Thermodynamics Thermal analysis Thermal radiation Heat transfer	AIAA
06-18	6—8 July	Nashville, Tennessee (US)	AIAA—ASME—SAE—ASEE 28th Joint Propulsion Conference and Exhibition	Aircraft propulsion Missile propulsion Spacecraft propulsion Gas turbine engines Rocket engines	AIAA SAE ASME
06-19	3—7 August	San Diego, California (US)	SAE—ACS 27th Intersociety Energy Conversion Engineering Conference	Energy conversion Power sources Aircraft propulsion Spacecraft propulsion Solar energy	SAE ACS

x

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 07 – STRUCTURES, MATERIALS AND APPLIED MECHANICS </div>					
Year 1991					
07-01	7–10 January	Anahem, California (US)	SME Conference and Exposition on Composites in Manufacturing	SME	Composite materials Fabrication processes Engineering design Mechanical properties
07-02	20–25 January	New Delhu (IN)	NYSU 1st International Conference on Frontiers of Polymer Research and Industrial Exhibition on Emerging New Technologies	NYSU	Polymers Research and development Mechanical properties Fabrication processes
07-03	28–30 January	Houston, Texas (US)	NACE Concrete: Surface Preparation, Coatings and Linings, and Inspection Techniques Symposium	NACE	Concrete Runways Protective coatings Surface properties
07-04	5–6 February	Hampton, Virginia (US)	NASA Meeting on Parallel Methods on Large- Scale Structural Analysis and Physics Applications	NASA	Aircraft structures Spacecraft structures Structural loads Numerical analysis
07-05	10–15 February	Melbourne (OS)	IUPAC–RACI International Symposium on Polymer Materials – Preparation, Characterization and Properties	IUPAC RACI	Materials Plastics Polymers Mechanical properties Fabrication processes

x

x

07 — STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 07-06	11—15 March	Cincinnati, Ohio (US)	Year 1991 NACE CORROSION 91 including Symposium on Corrosion of Materials in Nuclear Systems and Symposium on Corrosion Measurement Techniques	Corrosion Measurement techniques Materials Nuclear energy Power sources	NACE
x 07-07	11—15 March	Cincinnati, Ohio (US)	NACE Symposium on Structural Materials and Protective Systems for Military and Aerospace Applications	Aircraft structures Spacecraft structures Materials Corrosion Protective coatings	NACE
x 07-08	11—15 March	Cincinnati, Ohio (US)	NACE Symposium on Aging Aircraft: Commercial and Military Initiatives	Aircraft structure Military aircraft Corrosion Fatigue	NACE
x 07-09	18—22 March	Oakland, California (US)	ASNT Spring Conference on Nondestructive Characterization for Advanced Technologies	Materials Nondestructive testing Quality assurance Mechanical properties	ASNT
x 07-10	20 March	London (UK)	PRI Conference on Noise and Vibration Control with Rubber	Rubber Noise reduction Vibration Engineering design	PRI

x	07-11	25—27 March	Manchester (UK)	PRI 1st International Conference on Deformation and Fracture of Composites	Composite materials Deformation Fracture toughness Failure analysis	PRI
x	07-12	8—10 April	Baltimore, Maryland (US)	AIAA—ASME—ASCE—AHS 32nd Conference on Structures, Structural Dynamics and Materials	Aircraft structures Spacecraft structures Dynamic loads Materials	AIAA ASME ASCE AHS
x	07-13	8—11 April	Cambridge (UK)	PRI 8th International Conference on Deformation, Yield and Fracture of Polymers	Polymers Deformation Fracture toughness Toughened plastics Fatigue	PRI
	07-14	15—17 April	Stratford-upon-Avon (UK)	IOP International Conference on Frontiers of Tribology	Tribology Materials Mechanical properties Lubrication systems Surface properties	IOP
x	07-15	15—17 April	Blackburg, Virginia (US)	NASA—AIAA—AHS—INCE Conference on Recent Advances in Active Control of Sound and Vibration	Aircraft structures Helicopters Noise reduction Vibration	NASA AHS AIAA INCE
	07-16	15—18 April	San Diego, California (US)	SAMPE 36th International Symposium and Exhibition on Materials and Process Engineering	Materials Fabrication processes Engineering design Mechanical properties	SAMPE

07 — STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 07-17	16—19 April	Dresden (GE)	Year 1991 AW 4th European Magnetic Materials and Applications Conference	Magnetic materials Metals Ferromagnetism Electromagnetism	AW
x 07-18	28 April— 2 May	Cincinnati, Ohio (US)	ACSI 93rd Annual Meeting of the American Ceramic Society	Ceramics Mechanical properties Research and development	ACSI
xt 07-19	28 April— 3 May	Bath (UK)	AGARD/SMP 72nd Panel Meeting/Specialists' Meeting on Fatigue Management and Workshop on Integrated Design Analysis and Optimization of Aircraft Structures	Aircraft structures Fatigue Engineering design	AGARD*
x 07-20	5—11 May	Budapest (HU)	HAS European Conference on Crystal Growth	Crystal growth Crystallography Fabrication processes	HAS
07-21	20—21 May	Baden (AU)	ALENCA 15th European Conference on Flammability and Fire Retardants	Flammability Fire prevention Combustion Materials	ALENCA

x	07-22	20—24 May	Long Beach, California (US)	ASM Conference and Exposition on Advanced Aerospace Materials/Processes	Materials Aircraft structures Spacecraft structures Metals Fabrication processes	ASM
x	07-23	21—23 May	San Diego, California (US)	SAMPE 1st International Environmental Symposium and Exhibition	Materials Mechanical properties Environmental protection Chemical reactions	SAMPE
x	07-24	22—24 May	Amsterdam (NL)	ASM 1st European Conference and Exhibition on Heat Treatment and Surface Engineering	Metals Heat treatment Surface treatment Machining	ASM
	07-25	28—30 May	Maastricht (NL)	SAMPE 12th International European Conference on Materials and Process Engineering	Materials Fabrication processes Engineering design Mechanical properties	SAMPE
x	07-26	4—5 June	Anaheim, California (US)	SME Exposition and Conference on Tooling for Composites	Composite materials Machining Fabrication processes	SME
x	07-27	10—12 June	Goeteborg (SW)	SWCS 4th International Symposium on Ceramic Materials and Components for Engines	Ceramics Engines Gas turbine engines Mechanical properties	SWCS
x	07-28	10—14 June	Lulea (SW)	IUTAM Symposium on Mechanical Effects of Welding	Welding Mechanical properties Joining Metals	IUTAM

07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 07-29	13-15 June	Pitea (SW)	Year 1991 EUROMECH 277 Micromechanical Models for Strength and Fatigue of Polymer-Based Fibre Composites	Fibre-reinforced plastics Composite materials Polymers Fatigue Mechanical properties	EUROMECH
x 07-30	17-21 June	Prague (CZ)	EOQC 35th Annual Conference on Human Factors in Quality Management	Quality assurance Fabrication processes Human factors	EOQC
07-31	18-19 June	Paris (FR)	AAAF 14ème Colloque sur Les Matériaux pour l'Aéronautique et l'Espace	Materials Aircraft structures Spacecraft structures Aircraft systems Spacecraft systems	AAAF
x 07-32	18-20 June	College Station, Texas (US)	ASTM 23rd National Symposium on Fracture Mechanics	Fracture mechanics Fracture toughness Aircraft structures Spacecraft structures	ASTM
07-33	18-21 June	Pittsburgh, Pennsylvania (US)	IEEE (MAG) - AIP International Magnetics and Magnetism and Magnetic Materials Conferences	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE AIP

x	07-34	19-21 June	San Diego, California (US)	NACE 1st International Symposium on Environmental Effects on Advanced Materials	Metals Polymers Ceramics Composite materials Corrosion	NACE
x	07-35	1-4 July	Espoo (FI)	HUT 4th International Symposium on Electrochemical Methods in Corrosion Research	Corrosion Research and development Electrochemistry Chemical reactions	HUT
x	07-36	8-10 July	Metz (FR)	EUROMECH 282 Microscopic and Macroscopic Plastic-Deformation Instabilities	Materials Mechanical properties Plastic deformation	EUROMECH
x	07-37	8-10 July	Sydney (OS)	US 6th International Conference on Finite Element Methods	Finite element methods Aircraft structures Spacecraft structures Engineering design	US
x	07-38	15-18 July	Southampton (UK)	ISVR 4th International Conference on Recent Advances in Structural Dynamics	Aircraft structures Spacecraft structures Dynamic loads Structural loads	ISVR
x	07-39	15-19 July	Honolulu, Hawaii (US)	SAMPE International Conference on Composite Materials	Composite materials Mechanical properties Fabrication processes Metal matrix composites	SAMPE
x	07-40	16-19 July	Sirathclyde (UK)	EUROMECH 283 Mathematical Models for Liquid Crystals and Allied Systems	Liquid crystals Mathematical models Display devices	EUROMECH

07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 07-41	17-19 July	Cambridge, Massachusetts (US)	Year 1991 MIT 8th Conference on Nonlinear Finite Element Analysis and ADINA	Finite element methods Aircraft structures Spacecraft structures Engineering design	MIT
x 07-42	23-26 July	Liverpool (UK)	EUROMECH 281 Response of Structures Subjected to Large Dynamic Loads	Aircraft structures Spacecraft structures Dynamic loads Stress analysis	EUROMECH
x 07-43	24-26 July	Tokushima (JA)	ASM 3rd International Conference on Residual Stresses	Aircraft structures Spacecraft structures Stress analysis Structural loads	ASM
07-44	29 July- 2 August	Kyoto (JA)	KU 6th Conference of International Congress on Mechanical Behaviour of Materials	Materials Mechanical properties Aircraft structures Spacecraft structures	KU
x 07-45	25-30 August	New York, New York (US)	ACS Conference on Composite Polymeric Materials	Composite materials Polymers Mechanical properties Fabrication processes	ACS

07-46	26—30 August	Glasgow (UK)	IOP 13th International Colloquium on Magnetic Films and Surfaces	Magnetic materials Surface properties Films Ferromagnetism	IOP
07-47	1—7 September	Edinburgh (UK)	IUPAP—IEEE (MAG) — IOP International Conference on Magnetism	Metals Magnetic materials Ferromagnetism Electromagnetism	IUPAP IEEE IOP
07-48	4—5 September	Glasgow (UK)	PCT Conference on Education and Training in Finite Element Analysis	Finite element methods Education Engineering design	PCT
07-49	9—13 September	Munich (GE)	EUROMECH 1st European Solid Mechanics Conference	Solid mechanics Mechanical properties Materials	EUROMECH
07-50	10—12 September	Bordeaux (FR)	IFIP 4th Conference on Computer Applications in Production and Engineering	Computer aided design Engineering design Fabrication processes Electronic computers	IFIP
07-51	11—14 September	Augsburg (GE)	ECS 2nd Conference of the European Ceramic Society	Ceramics Mechanical properties Research and development	ECS
07-52	17—19 September	Detroit, Michigan (US)	ASM 13th Heat Treating Conference and Exposition	Metals Metallurgy Heat treatment Phase transformations Mechanical properties	ASM

07 — STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x	07-53	17—19 September Nanjing (CN)	Year 1991 IFIP International Conference on Information Technology in Advanced Manufacturing Systems	Fabrication processes Automation Information technology	IFIP
x	07-54	19—24 September Houston, Texas (US)	NACE 12th International Corrosion Congress Advances in Corrosion Control for Increased Reliability, Conservation and Productivity	Corrosion Materials Protective coatings Reliability	NACE
x	07-55	22—26 September Lake Geneva, Wisconsin (US)	ASM First International Conference on Heat-Resistant Materials	Materials Metals Gas turbine engines	ASM
x	07-56	23—25 September Cincinnati, Ohio (US)	SME Exposition and Conference on Finishing	Finishing Fabrication processes Materials	SME
	07-57	23—26 September Cambridge (UK)	NACE (E) International Conference on Life Prediction of Corrodible Structures	Corrosion Aircraft structures Spacecraft structures Materials	NACE (E)
xt	07-58	7—11 October San Diego, California (US)	AGARD/SMP 73rd Panel Meeting/Specialists' Meeting on Transonic Unsteady Aerodynamics and Aeroelasticity and Workshop on Utilization of Advanced Composite Materials in Military Aircraft	Aircraft structures Military aircraft Composite materials Aeroelasticity Transonic flow Unsteady flow Aircraft aerodynamics	AGARD*

07-59	14—16 October	St Louis, Missouri (US)	ASME—STLE Conference on Tribology	Tribology Lubrication systems Surface properties Mechanical properties	ASME
x					
07-60	14—17 October	Rosemont, Illinois (US)	SME Exposition and Conference FABTECH International '91	Fabrication processes Machining Finishing Materials	SME
x					
07-61	15—17 October	The Hague (NL)	PRI 3rd International Conference on Automated Composites	Composite materials Automation Fabrication processes	PRI
x					
07-62	19—22 October	San Francisco, California (US)	IEEE Conference on Magnetism and Magnetic Materials	Magnetic materials Metals Ferromagnetism Electromagnetism	IEEE
x					
07-63	21—24 October	Toronto, Ontario (CA)	SAE International Fuels and Lubricants Meeting and Exposition	Fuels Lubrication systems Materials Aircraft propulsion Spacecraft propulsion	SAE
x					
07-64	21—24 October	Cincinnati, Ohio (US)	ASM Materials Week 91	Materials Metals Metallurgy Mechanical properties	ASM

07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 07-65	21-25 October	Budapest (HU)	Year 1991 EFC EUROCORR 91	Corrosion Materials Protective coatings Aircraft systems Spacecraft systems	EFC
x 07-66	22-24 October	Cincinnati, Ohio (US)	ASM 5th Materials, Applications and Services Exposition	Materials Metals Composite materials Metal-matrix composites	ASM
07-67	22-24 October	New York, New York (US)	SAMPE 23rd International Technical Conference on Materials and Process Engineering	Materials Fabrication processes Engineering design Mechanical properties	SAMPE
x 07-68	29-31 October	Williamsburg, Virginia (US)	AHS Southeast Region Specialists' Meeting on Structures	Aircraft structures Helicopters Engineering design Structural loads	AHS
07-69	5-8 November	Kauai, Hawaii (US)	NACE (E) International Conference on Life Prediction of Corrodible Structures	Corrosion Aircraft structures Spacecraft structures Materials	NACE (E)

x	07-70	12-14 November	Chicago, Illinois (US)	SME AUTOFACT '91 Exposition and Conference	Fabrication processes Automation Automatic control	SME
x	07-71	13-15 November	Hamburg (GE)	BDLI Congress and Exposition on Materials	Materials Aircraft structures Spacecraft structures Research and development	BDLI
xt	07-72	February	Perth (OS)	Year 1992 RACI 19th Australian Polymer Symposium	Polymers Mechanical properties Fabrication processes	RACI
x	07-73	9-12 March	Anaheim, California (US)	SAMPE 37th International Symposium and Exhibition	Materials Fabrication processes Engineering design Mechanical properties	SAMPE
x	07-74	6-8 April	Dallas, Texas (US)	AIAA-ASME-ASCE-AHS 33rd Conference on Structures, Structural Dynamics and Materials	Aircraft structures Spacecraft structures Dynamic loads Materials	AIAA ASME ASCE AHS
	07-75	13-16 April	St Louis, Missouri (US)	IEEE (MAG)-AIP International Magnetics and Magnetism and Magnetic Materials Conference	Metals Magnetic fields Magnetic materials Ferromagnetism Electromagnetism	IEEE AIP

07 — STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
x	07-76 27 April— 1 May	Nashville, Tennessee (US)	Year 1992 NACE CORROSION 92	Corrosion Materials Chemical reactions Protective coatings	NACE
x	07-77 1—4 June	Espoo (FI)	FINCORR 12th Scandinavian Corrosion Congress and EUROCORR '92	Corrosion Materials Chemical reactions Protective coatings	FINCORR
	07-78 28 September— 1 October	Indianapolis, Indiana (US)	ASM 6th Materials Congress and Exposition	Aircraft structures Materials Mechanical properties Fabrication processes Engineering design	ASM
x	07-79 6—8 October	Toronto, Ontario (CA)	SAMPE 24th International Technical Conference	Materials Fabrication processes Engineering design Mechanical properties	SAMPE
x	07-80 12—23 October	Sao Paulo (BR)	ABEND 13th World Conference on NDT	Non-destructive testing Ultrasonics Radiography Materials	ABEND

07-81	19--22 October	San Francisco, California (US)	SAE International Fuels and Lubricants Meeting and Exposition	Fuels Lubrication systems Materials Aircraft propulsion Spacecraft propulsion	SAE
07-82	1--4 December	Houston, Texas (US)	IEEE (MAG)—AIP Conference on Magnetism and Magnetic Materials	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE AIP
			Year 1993		
07-83	8--12 March	New Orleans, Louisiana (US)	NACE CORROSION 93	Corrosion Materials Chemical reactions Protective coatings	NACE
07-84	26--30 April	Vienna (AU)	IEEE (MAG) International Magnetism and Magnetic Materials Conference	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE
07-85	10--13 May	Anaheim, California (US)	SAMPE 38th International Symposium and Exhibition	Materials Fabrication processes Engineering design Mechanical properties	SAMPE
07-86	14--20 June	Helsinki (FI)	EOQC 37th Annual Conference	Quality assurance Fabrication processes Management	EOQC

x

x

x

07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
07-87	19-24 September	Houston, Texas (US)	<p style="text-align: center;">Year 1993</p> NACE International Corrosion Congress	Corrosion Materials Chemical reactions Protective coatings	NACE
07-88	27-30 September	Philadelphia, Pennsylvania (US)	ASM 7th Materials Congress and Exposition	Aircraft structures Materials Mechanical properties Fabrication processes Engineering design	ASM

x

**08 — ATMOSPHERIC PHYSICS
AND EARTH ENVIRONMENT**

Year 1991

08-01	13—18 January	New Orleans, Louisiana (US)	AMS 71st Annual Meeting — 6th International Conference on Interactive Information and Processing Systems for Meteorology, Oceanography and Hydrology	Meteorology Information systems Data evaluation Electronic computers	AMS
08-02	13—18 January	New Orleans, Louisiana (US)	OMM 7th Symposium on Meteorology and Instrumentation	Meteorology Instruments Measurement techniques Aeronomy	OMM
08-03	15—19 February	Washington, D.C. (US)	AAAS Annual Meeting (Earth Sciences)	Geophysics Earth atmosphere Earth resources survey Meteorology	AAAS
08-04	18—21 March	Ottawa, Ontario (CA)	CISM 3rd International Conference on Geographic Information Systems	Geophysics Earth atmosphere Information systems Data processing	CISM
08-05	8—12 April	Trieste (IT)	ICTP—OMM International Technical Conference on Long-Range Weather Forecasting Research	Meteorology Earth atmosphere Performance prediction	ICTP OMM

08 — ATMOSPHERIC PHYSICS AND EARTH ENVIRONMENT

No.	Date	Location	Organization and Title	Key Words	Contact
x 08-06	8—12 April	Zurich (CH)	Year 1991 ETHZ International Seminar on Photogrammetry and Geographic Information Systems	Photography Measurement techniques Geophysics Information systems	ETHZ
08-07	1—26 May	Geneva (CH)	OMM 11th World Meteorological Congress	Earth atmosphere Geophysics Meteorology Air operations Airline operations	OMM
x 08-08	3—7 June	Espoo (FI)	IEEE International Symposium on Geoscience and Remote Sensing	Geophysics Remote sensing Earth atmosphere Sensors Image processing	IEEE
x 08-09	24—26 June	Paris (FR)	OMM 4th International Conference on The Aviation Weather System	Meteorology Earth atmosphere Air operations Airline operations	OMM
x 08-10	24—28 June	Paris (FR)	AMS—OMM 25th International Conference on Radar Meteorology	Meteorology Ground radar Airborne radar Measurement techniques	AMS OMM

08-11	11—24 August	Vienna (AU)	IUGG 20th Quadrennial General Assembly on Geodesy and Geophysics	Geophysics Earth atmosphere Meteorology Aeronomy	IUGG
08-12	9—11 September	Munich (GE)	DLR 8th Symposium on Turbulent Shear Flows	Earth atmosphere Meteorology Turbulent flow Gas dynamics	DLR
08-13	9—14 August	Washington, D.C. (US)	Year 1992 IGU 27th Quadrennial Congress and General Assembly (Remote sensing and cartography)	Remote sensing Mapping Aerial photography Earth resources survey	IGU
08-14	27 August— 7 September	Washington, D.C. (US)	COSPAR 29th Plenary Meeting and Associated Activities (Geophysics, aeronomy, planets, solar system, space studies)	Space sciences Geophysics Aeronomy Space environment Scientific satellites	COSPAR
08-15	August	Tsukuba (JA)	Year 1993 IAMAP Biennial Scientific Assembly	Meteorology Earth atmosphere Aeronomy Geophysics	IAMAP

x

xf

09 -- INFORMATION, DOCUMENTATION AND DATA PROCESSING

No.	Date	Location	Organization and Title	Key Words	Contact
09-01	23--25 January	Anaheim, California (US)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> 09 -- INFORMATION, DOCUMENTATION AND DATA PROCESSING </div> <p style="text-align: center;">Year 1991</p> <p>SCS Conference on Computer Simulation in Emergency Planning</p>	Computer simulation Aircraft safety Spacecraft safety Management	SCS
09-02	6--8 February	London (UK)	ONLINE Mapping Awareness '91 Exhibition and Conference	Mapping Information systems Electronic computers Information technology	ONLINE
09-03	18--20 February	Tucson, Arizona (US)	IFIP 2nd Working Conference on Dependable Computing for Critical Applications	Electronic computers Data processing Software Hardware Reliability	IFIP
09-04	25--27 February	Colorado Springs, Colorado (US)	SPIE 7th Topical Meeting on Optical Data Storage	Optical systems Databases Electronic computers Data processing	SPIE

x	09-05	25-28 February	Amsterdam (NL)	IEEE - IEE European Design Automation Conference	Engineering design Automation Computer-aided design Software	IEEE IEE
x	09-06	4-7 March	San Antonio, Texas (US)	ACM 19th Computer Science Conference	Electronic computers Software Data processing	ACM
x	09-07	6 March	London (UK)	RAES Conference on The Management of Aerospace Software	Software Aerospace industry Management	RAES
x	09-08	8-12 April	Tokyo (JA)	IFIP Working Conference on Modelling in Computer Graphics	Computer graphics Image processing Electronic computers	IFIP
x†	09-09	15-18 April	Glasgow (UK)	AGARD/TIP 48th Panel Meeting (Including a half-day session on Distribution Statement and Classification Markings)	Information systems Aerospace industry Research and development Document editing	AGARD*
x	09-10	15-19 April	Lisbon (PO)	IEE 2nd International Specialist Seminar on The Design and Application of Parallel Digital Processors	Data processing Digital systems Electronic computers	IEE
x	09-11	21-24 April	Williamsburg, Virginia (US)	ACM 3rd Symposium on Principles and Practice of Parallel Programming	Electronic computers Software Data processing	ACM

09 — INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x	09-12 23—25 April	Milan (IT)	<p style="text-align: center;">Year 1991</p> CMI 2nd International Conference on Reliability and Robustness of Engineering Software	Software Reliability Engineering design Computer-aided design	CMI
x	09-13 28 April— 2 May	New Orleans Louisiana (US)	ACM Conference on Human Factors in Computing Systems	Electronic computers Human factors Data processing Software	ACM
x	09-14 29 April— 3 May	Edmonton, Alberta (CA)	ISA Symposium on Robotics and Expert Systems	Electronic computers Knowledge-based systems Robotics Software	ISA
09-15	7—10 May	Bologna (IT)	IEEE (C) 5th International Conference on Advanced Computer Technologies, Systems and Applications	Electronic computers Hardware Software Data processing	IEEE
x	09-16 13—15 May	Nancy (FR)	ICSTI International Symposium on Squaring the Information Circle	Information systems Information technology Data transmission Data bases	ICSTI

09-17	26—30 May	Toronto, Ontario (CA)	ACM—IEEE (CS) 18th Annual International Symposium on Computer Architecture	Electronic computers Hardware Software Engineering design	ACM IEEE
x					
09-18	27—29 May	Vienna (AU)	IFIP Workshop on Dependability of Artificial Intelligence Systems	Artificial intelligence Electronic computers Reliability	IFIP
x					
09-19	2—5 June	Kauai, Hawaii (US)	ACM 4th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems	Artificial intelligence Knowledge-based systems Computer-aided design Engineering design	ACM
x					
09-20	17—21 June	San Francisco, California (US)	ACM—IEEE (CS) 28th Design Automation Conference	Engineering design Automation Computer-aided design Software	ACM IEEE
x					
09-21	17—21 June	Cologne (GE)	ACM International Conference on Supercomputing	Electronic computers Software Hardware Data processing	ACM
x					
09-22	1—3 July	London (UK)	IEEE—ACM International Conference on Computing	Electronic computers Software Data processing Hardware	IEEE ACM

09 -- INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
09-23	15-17 July	Swansea (UK)	<p style="text-align: center;">Year 1991</p> IFAC-IFIP 5th Symposium on Computer-Aided Design in Control and Engineering Systems	Computer-aided design Automatic control Aircraft systems Spacecraft systems	IFAC IFIP
09-24	15-18 July	Cambridge (UK)	BLR&DD 2nd International Research Conference on Multi-Media Information	Information technology Information systems Data processing Digital processing Research and development	BLR&DD
09-25	August	Berlin (GE)	UV International Conference on Database and Expert Systems Applications	Databases Knowledge-based systems Electronic computers Software	UV
09-26	13-15 August	Washington, D.C. (US)	IFAC Symposium on Distributed Intelligence Systems	Electronic computers Distributed systems Artificial intelligence	IFAC
09-27	18-23 August	Sydney (OS)	IJCAI 12th International Joint Conference on Artificial Intelligence	Artificial intelligence Electronic computers Software Pattern recognition	IJCAI

x

xt

x	09-28	2--5 September	Vienna (AU)	EUROMICRO 17th Conference on Hardware and Software Design Automation	Electronic computers Microprocessors Software Hardware Engineering design Automation	EUROMICRO
x	09-29	3--6 September	Barcelona (SP)	IFIP 17th International Conference on VLDB '91	Databases Electronic computers Data processing	IFIP
x	09-30	16--18 September	Cirencester (UK)	IEE 3rd International Conference on Software Engineering for Real Time Systems	Electronic computers Software Real time operations	IEE
	09-31	23--27 September	Karlsruhe (GE)	IFIP Working Conference on Programming Environments for High-Level Scientific Problem-Solving	Electronic computers Software Data processing Research and development	IFIP
xt	09-32	30 September -- 3 October	Ohio (US)	IFIP 4th Workshop on Intelligent CAD	Computer-aided design Knowledge-based systems Electronic computers Software	IFIP
xt	09-33	October	Baltimore, Maryland (US)	AIAA Conference on Computers in Aerospace VIII	Electronic computers Aerospace industry Aircraft systems Spacecraft systems	AIAA

09 — INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
xt	09-34 7-11 October	Madrid (SP)	<p style="text-align: center;">Year 1991</p> AGARD/TIP 49th Panel Meeting/Specialists' Meeting on Bringing Down the Barriers to Information Transfer in Aerospace and Defence	Information systems Data transmission Aerospace industry Information technology	AGARD*
x	09-35 13-16 October	Chicago, Illinois (US)	ACM 14th International Conference on Research and Development in Information Retrieval	Library science Research and development Data processing Electronic computers	ACM
xt	09-36 21-22 October	London (UK)	AGARD/TIP Lecture Series 181 on Intellectual Property Rights	Intellectual property rights Laws Information systems	AGARD*
xt	09-37 24-25 October	Brussels (BE)	AGARD/TIP Lecture Series 181 on Intellectual Property Rights	Intellectual property rights Laws Information systems	AGARD*
xt	09-38 7-8 November	Washington, D.C. (US)	AGARD/TIP Lecture Series 181 on Intellectual Property Rights	Intellectual property rights Laws Information systems	AGARD*

09-39	10-15 November	Boston, Massachusetts (US)	SPIE Conference on Advances in Intelligent Systems	Artificial intelligence Sensors Automatic control Electronic computers	SPIE
x					
09-40	8-11 December	Phoenix, Arizona (US)	ACM Winter Simulation Conference	Computer simulation Electronic computers Software	ACM
09-41	January	Strasbourg (FR)	Year 1992 AAAF-DGLR-RAES 2nd Information - Documentation Colloquium	Aerospace industry Information systems Library science Information technology	AAAF DGLR RAES
x†					
09-42	4-7 May	The Hague (NL)	IEEE (C) International Conference on Computer Systems and Software Engineering	Electronic computers Hardware Software Engineering design	IEEE
x					
09-43	7-11 September	Madrid (SP)	IFIP 12th World Computer Congress	Electronic computers Data processing Software Hardware	IFIP
09-44	February	(FR)	Year 1993 IFIP International Conference on Feature Modelling and Recognition for CAD/CAM Systems	Computer-aided design Fabrication processes Sensors Automation	IFIP
x†					

09 — INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
09-45	24--29 April	Amsterdam (NL)	<p style="text-align: center;">Year 1993</p> ACM Conference on Human Factors in Computing	Electronic computers Human factors Interfaces	ACM
09-46	29 August-- 3 September	Chambery (FR)	IJCAI 13th International Conference on Artificial Intelligence	Electronic computers Data processing Pattern recognition Artificial intelligence	IJCAI
09-47	October	Sofia (BU)	IFIP Symposium on Network Information Processing Systems	Information systems Data processing Information technology	IFIP

x

xt

**10 – GENERAL
(INTERDISCIPLINARY) AND
OTHER TOPICS**

Year 1991

10-01	7–10 January	Reno, Nevada (US)	AIAA 29th Aerospace Sciences Meeting and Exhibition	Aircraft Spacecraft Missiles Engines Space sciences	AIAA	
x	10-02	15–17 January	Vienna, Virginia (US)	AIAA – NASA – FAA – HFS Challenges in Aviation – Human Factors: The National Plan	Aeronautics Human factors Flight crews	AIAA NASA FAA HFS
x	10-03	24 January	Didcot (UK)	RAES Conference on Small Satellites	Meteorological satellites Observation satellites Navigation satellites Satellite communications	RAES
	10-04	27–29 January	Anaheim, California (US)	HAI HELI EXPO '91	Helicopters Aircraft aerodynamics Aircraft propulsion Aircraft structures Aircraft systems	HAI
x	10-05	5–6 February	Frankfurt (GE)	DLR Symposium Die Entwicklungen in Osteuropa – Neue Impulse für den Luftverkehr	Air operations Airline operations Air traffic control	DLR

10 — GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
10-06	12—14 February	Los Angeles, California (US)	ALAA Aerospace Engineering Conference and Exhibition Year 1991	Aircraft Spacecraft Missiles Engineering design Engines	AIAA
x	10-07	Makuhari (JA)	AHS Helicopter Seminar	Helicopters Aircraft structures Aircraft propulsion Aircraft systems	AHS
x	10-08	Paris (FR)	AAAF Journée de la Giraviation (Vol vertical)	Helicopters V/STOL aircraft Aircraft propulsion Aircraft systems Aircraft structures	AAAF
x	10-09	Yeovil (UK)	RAES Conference on An Introduction to the Rotorcraft Industry	Helicopters Fabrication processes Engineering design	RAES
x	10-10	Toulouse (FR)	IMACS—UMIST International Workshop on Decision Support Systems and Qualitative Reasoning	Decision making Command and control Electronic computers	IMACS UMIST

x	10-11	14 March	London (UK)	RAES Conference on Advanced Aircraft/Human Factors	Aircraft systems Aircraft systems Human factors Flight crews	RAES
x	10-12	20 March	London (UK)	RIN Meeting The Voyager Project	Space operations Spacecraft Spacecraft systems Navigation	RIN
x	10-13	20 March	London (UK)	RAES Conference on Rotorcraft Reliability and Maintainability: Future Design Requirements	Helicopters Reliability Maintainability Engineering design	RAES
	10-14	24-28 March	Washington, D.C. (US)	SAMECA SPACE EXPO '91 (1st International Space Convention)	Spacecraft Spacecraft systems Spacecraft structures Spacecraft propulsion	SAMECA
x	10-15	25-26 March	Cambridge (UK)	RAES Conference on The Use of Test Rigs and Simulation in the Design, Evaluation and Support of Aircraft Systems	Aircraft systems Ground testing Engineering design Flight simulators Maintainability	RAES
x	10-16	25-27 March	Atlanta, Georgia (US)	AHS South East Region Specialists' Meeting on Rotorcraft Basic Research	Helicopters Research and development Aircraft aerodynamics Engineering design	AHS

10 — GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 10-17	1—5 April	Atlanta, Georgia (US)	<p align="center">Year 1991</p> AHS South East Region Specialists' Meeting on Aircraft Design	Aircraft Helicopters Engineering design	AHS
x 10-18	7—12 April	Sacramento, California (US)	IEEE International Conference on Robotics and Automation	Robotics Automation Automatic control Sensors	IEEE
x 10-19	9—11 April	San Diego, California (US)	AIAA 11th Aerodynamic Decelerator Systems Technology Conference	Decelerator systems Aircraft systems Spacecraft systems Engineering design	AIAA
10-20	9—11 April	Wichita, Kansas (US)	SAE General Aviation Aircraft Meeting and Exposition	Aircraft Aeronautics Airline operations Air operations	SAE
x 10-21	10—21 April	Munich (GFR)	VDE — IEEE — IEE European Test Conference	Measurement techniques Instruments Ground testing Automatic test equipment	VDE IEEE IEE

x	10-22	11 April	Boscombe Down (UK)	RAES Conference on Design for Safety	Aircraft safety Aircraft Engineering design Aircraft structures	RAES
x	10-23	15-19 April	Noordwijk (NL)	ASE Symposium on Space Product Assurance for Europe in the 1990s	Fabrication processes Space operations Space environment Quality assurance	ASE
x	10-24	23-24 April	London (UK)	RAES Conference on Fixed and Rotary Wing All Weather Operations	Air operations Air transport Aircraft Helicopters	RAES
	10-25	23-26 April	Strasbourg (FR)	INRIA-SIAM 1st International Conference on Mathematical and Numerical Aspects of Wave Propagation Phenomena	Wave propagation Mathematics Numerical analysis Scattering	INRIA SIAM
	10-26	23-26 April	Albuquerque, New Mexico (US)	AIAA-ASCE 2nd International Conference on Engineering, Construction and Operations in Space	Space operations Spacecraft Engineering design Fabrication processes Space environment	AIAA ASCE
x	10-27	24-26 April	Noordwijk (NL)	ASE-CNES-DLR International Conference on Spacecraft Structures and Mechanical Testing	Spacecraft structures Ground testing Flight testing Dynamic loads	ASE CNES DLR

10 -- GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
10-28	26--27 April (GE)		<p style="text-align: center;">Year 1991</p> DGLR Symposium über Entwicklung und Anwendungen von Fortschrittlichen Strukturen für die Luft- und Raumfahrt	Aircraft structures Spacecraft structures Aircraft Spacecraft Research and development	DGLR
10-29	30 April-- 2 May	Crystal City, Virginia (US)	AIAA Annual Meeting and Aerospace Exhibition	Aircraft Spacecraft Missiles Engines Avionics	AIAA
10-30	6--8 May	Phoenix, Arizona (US)	AHS 47th Annual Forum and Technology Display	Helicopters Aircraft structures Aircraft aerodynamics Aircraft propulsion Aircraft systems	AHS
10-31	6--9 May	San Diego, California (US)	ISA Aerospace Industries/Test Measurement Division 37th International Instrumentation Symposium	Aerospace industry Ground testing Flight testing Measurement techniques Instruments	ISA

xt

10-32	13-16 May	Paris (FR)	AAAF—DGLR—RAES 4ème Conference Européenne Aérospatiales L'homme dans l'Espace et Les Centres de Lancement et de Contrôle	Flight crews Space environment Spacecraft Launchers Human factors	AAAF DGLR RAES
x	10-33	Paris (FR)	SFDAS—ASE—CNES Colloque International sur L'Avion Spatial et le Droit	Spacecraft Space operations Laws	SFDAS ASE CNES
	10-34	Nuremberg (GE)	ACSO 5th International Exhibition and Congress for Sensor and Systems Technology (Applications in aviation, aeronautics and space technology)	Sensors Aircraft systems Spacecraft systems Remote sensing	ACSO
x	10-35	Atlanta, Georgia (US)	IEEE Conference on Instrumentation Measurement Technology	Measurement techniques Instruments Ground testing	IEEE
x	10-36	Monterey, California (US)	AIAA Data Distribution and Management Standards Workshop	Data transmission Management Digital systems Electronic systems	AIAA
x	10-37	San Antonio, Texas (US)	NSS 10th Annual International Space Development Conference	Spacecraft Space environment Space operations Research and development	NSS

10 — GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 10-38	27—31 May	Mandelieu-Cannes (FR)	Year 1991 ASE—CNES 10th Symposium on European Rocket and Balloon Programmes and Related Research	Rocket engines Spacecraft propulsion Balloons Research and development	ASE CNES
x 10-39	3—6 June	Istanbul (TU)	ITU 2nd International Symposium on Approaches to the Middle East Transportation Requirements: Facing the Challenge of 2000	Transportation Research and development Management	ITU
x 10-40	20—22 June	Montreux (CH)	IEE 4th International Conference on Television Measurements	Television Measurement techniques Telemetry	IEE
x 10-41	25—27 June	Toulouse (FR)	SEE—AAAF European Test and Telemetry Conference	Measurement techniques Ground testing Telemetry Data evaluation	SEE AAAF
10-42	22—26 July	Dublin (EI)	IMACS 13ème Congrès Mondial de Mathématiques Appliquées	Mathematics Numerical analysis Finite element methods Mathematical models	IMACS
x 10-43	23—26 July	Montreal, Quebec (CA)	CMI 5th International Conference on Computational Methods and Experimental Measurements	Measurement techniques Data processing Electronic computers Data evaluation	CMI

x	10-44	5-9 August	St Louis, Missouri (US)	SFTE 22nd Annual Symposium	Flight testing Aircraft Measurement techniques	SFTE
x	10-45	28-30 August	New Delhi (IN)	IEEE Conference on Energy, Computer, Communications and Control Systems	Power sources Energy conversion Electronic computers Radio communications Automatic control Optical communications	IEEE
xt	10-46	September	Noordwijk (NL)	ASE-CNES-DGLR 3rd European In-Orbit Operations Technology Symposium	Space operations Spacecraft Space sciences Space stations	ASE CNES DGLR
	10-47	10-13 September	Berlin (GE)	DGLR Luft- und Raumfahrtkongress Jahrestagung 1991	Aeronautics Space operations Aircraft Spacecraft	DGLR
x	10-48	11-13 September	Toulouse (FR)	AIAA European Standards Workshop	Aerospace industry Quality assurance Aircraft Spacecraft	AIAA
	10-49	12-14 September	Kyoto (JA)	IMEKO 8th Symposium on Artificial Intelligence- Based Measurement and Control	Artificial intelligence Measurement techniques Automatic control	IMEKO

10 — GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
10-50	17 September	London (UK)	RAES Conference on Risk Analysis Year 1991	Aircraft safety Accident prevention Air operation Numerical analysis	RAES
10-51	22—25 September	Edinburgh (UK)	IOP—RSC Conference on Sensors and Their Applications	Sensors Remote sensing Automatic control Measurement techniques	IOP RSC
10-52	23—26 September	Baltimore, Maryland (US)	AIAA Meeting on Aircraft Design Systems and Operations	Aircraft Engineering design Air operations	AIAA
10-53	24—26 September	Anaheim, California (US)	IEEE (AES) AUTOTESTCON '91	Automatic test equipment Ground testing Measurement techniques	IEEE
10-54	October	Ottawa, Ontario (CA)	AAAF—IAF Conference on Space Technology	Spacecraft Spacecraft systems Spacecraft structures Spacecraft propulsion	AAAF IAF

†	10-55	October	Anaheim, California (US)	SAE AEROTECH 91	Aircraft Spacecraft Missiles Engines Engineering design	SAE
	10-56	7—11 October	Montreal, Quebec (CA)	IAF 42nd International Astronautical Congress	Space operations Spacecraft Space environment Space sciences	IAF
	10-57	27 October— 1 November	Anaheim, California (US)	ISA International Conference and Exhibition on Measurement, Control and Automation	Measurement techniques Instruments Automatic control Automation	ISA
xt	10-58	4—6 November	Florida (US)	AIAA 4th Symposium and Exhibition on Space Logistics	Space operations Logistics Space stations	AIAA
x	10-59	26—27 November	Paris (FR)	AAAF Conference on La Téléscience au Service de l'Expérimentation Spatiale	Space sciences Space operations Space environment Remote sensing Telemetry	AAAF
x	10-60	28—29 November	Paris (FR)	AAAF Colloque Controle Non-Destructif	Non-destructive testing Spacecraft systems Aircraft systems Spacecraft structures Aircraft structures	AAAF

10 — GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
†	10-61 January	Reno, Nevada (US)	AIAA 30th Aerospace Sciences Meeting and Exhibition Year 1992	Aircraft Spacecraft Missiles Engines Space sciences	AIAA
xt	10-62 February	Los Angeles, California (US)	AIAA International Aerospace Engineering Conference and Show	Aircraft Spacecraft Missiles Engineering design Engines	AIAA
	10-63 22—24 March	Las Vegas, Nevada (US)	HAI HELI EXPO '92	Helicopters Aircraft aerodynamics Aircraft propulsion Aircraft structures Aircraft systems	HAI
x	10-64 26—30 April	Las Vegas, Nevada (US)	ISA Aerospace Industries/Test Measurement Division 38th International Instrumentation Symposium	Instruments Measurement techniques Aerospace industry Flight testing Ground testing	ISA
x	10-65 26—30 April	Toronto, Ontario (CA)	ISA International Conference and Exhibition on Measurement, Control and Automation	Measurement techniques Instruments Automatic control Automation	ISA

x	10-66	27-29 April	Crystal City, Virginia (US)	AIAA Annual Meeting and International Aerospace Exhibition	Aircraft Spacecraft Missiles Engines Avionics	AIAA
	10-67	3-5 May	Washington, D.C. (US)	AHS 48th Annual Forum and Technology Display	Helicopters Aircraft systems Aircraft structures Aircraft aerodynamics Aircraft propulsion	AHS
x	10-68	12-14 May	Secaucus, New Jersey (US)	IEEE Conference on Instrumentation and Measurement Technology	Instruments Measurement techniques Ground testing Flight testing	IEEE
	10-69	27 August-7 September	Washington, D.C. (US)	IAF-AIAA World Space Congress	Spacecraft Space sciences Space environment Space operations Space stations	IAF AIAA
	10-70	21-24 September	Dayton, Ohio (US)	IEEE (AES-IM) AUTOTESTCON '92	Automatic test equipment Ground testing Measurement techniques	IEEE
xt	10-71	October	Dayton, Ohio (US)	AIAA Conference on Propulsion/Airframe Integration for Hypersonic Vehicles	Aircraft propulsion Aircraft structures Aircraft Hypersonic flow Engineering design	AIAA

10 — GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 10-72	18—23 October	Houston, Texas (US)	Year 1992 ISA International Conference on Measurement, Control and Automation	Measurement techniques Instruments Automatic control Automation	ISA
xt 10-73	January	Reno, Nevada (US)	Year 1993 AIAA 31st Aerospace Sciences Meeting and Exhibition	Aircraft Spacecraft Missiles Engines Space sciences	AIAA
xt 10-74	February	Los Angeles, California (US)	AIAA International Aerospace Engineering Conference	Aircraft Spacecraft Missiles Engineering design Engines	AIAA
10-75	25—27 February	New Orleans, Louisiana (US)	HAI HELI EXPO '93	Helicopters V/STOL aircraft Aircraft aerodynamics Aircraft structures Aircraft propulsion	HAI

x†	10-76	May	Crystal City, Virginia (US)	AIAA Annual Meeting and International Aerospace Exhibition	Aircraft Spacecraft Missiles Engines Avionics	AIAA
x	10-77	3-6 May	Albuquerque, New Mexico (US)	ISA Aerospace Industries/Test Measurement Division International Instrumentation Symposium	Instruments Measurement techniques Aerospace industry Flight testing Ground testing	ISA
	10-78	19-21 May	St Louis, Missouri (US)	AHS 49th Annual Forum and Technology Display	Helicopters Aircraft systems Aircraft structures Aircraft aerodynamics Aircraft propulsion	AHS
x	10-79	19-24 September	Chicago, Illinois (US)	ISA International Conference and Exhibition on Measurement, Control and Automation	Measurement techniques Instruments Automatic control Automation	ISA
x	10-80	23-28 September	Ljubljana (YU)	IAF 44th Annual International Congress - 23ème Conférence des Etudiants - Symposium sur le Droit de l'Espace Extra-Terrestre	Space operations Space environment Laws	IAF
x	10-81	28-30 September	Boston, Massachusetts (US)	IEEE (IM - AES) AUTOTESTCON '93	Automatic test equipment Ground testing Measurement techniques	IEEE

11 – EXHIBITIONS AND DISPLAYS

No.	Date	Location	Organization and Title	Key Words	Contact
11-01	13–23 June	Paris (FR)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> 11 – EXHIBITIONS AND DISPLAYS </div> <p style="text-align: center;">Year 1991</p> <p>GIFAS Salon International de l'Aéronautique et de l'Espace</p>	Aeronautics Aircraft Spacecraft Aerospace industry	GIFAS
11-02	3–6 September	Boston, Massachusetts (US)	SPIE OE/Fibers '91 Exhibition	Electro-optics Fibre optics Lasers Optical communications	SPIE
11-03	7–15 October	Geneva (CH)	UIT – IEEE – VDE – SEE 6th World Exposition and Forum on Telecommunications	Radio communications Satellite communications Optical communications Television Data transmission	UIT IEEE VDE
11-04	5–7 November	San Jose, California (US)	SPIE – LIA – IEEE (LEOS) – OSA OPTCON '91 Exhibition	Optical systems Electro-optics Lasers Fibre optics Optical communications	SPIE LIA IEEE OSA

Year 1992						
x	11-05	20 April— 12 October	Seville (SP)	OCS Exposition Universelle L'Ere des Découvertes — EXPO '92 (Dans le cadre de l'Année de l'Espace)	Space operations Space environment Space sciences	OCS
x	11-06	8—17 May	San Diego, California (US)	A/SA International Aerospace Trade Show	Aeronautics Aircraft Spacecraft Aircraft systems Spacecraft systems	A/SA

12 -- EDUCATIONAL COURSES

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-01	9--11 January	Cranfield (UK)	<div style="border: 1px solid black; padding: 2px; display: inline-block;">12 -- EDUCATIONAL COURSES</div> Year 1991 CIT Short Course on Vibration Testing for Technicians and Engineers	Vibration Dynamic loads Aircraft systems Aircraft structures Ground testing	CIT
x 12-02	21--23 January	Anaheim, California (US)	ACM Workshop on Parallel and Distributed Simulation	Computer simulation Electronic computers Software Distributed systems	ACM
x 12-03	21--23 January	Cranfield (UK)	CIT Short Course on Digital Image Processing	Image processing Digital systems Remote sensing	CIT
x 12-04	11--22 February	Cranfield (UK)	CIT Short Course on Introduction to Aircraft Stress Analysis	Aircraft structures Stress analysis Fatigue Fracture mechanics Finite element methods	CIT

x	12-05	25 February— 1 March	Cranfield (UK)	CIT Short Course on Introduction to Composite Stressing: Laminates and Sections	Composite materials Fibre-reinforced plastic Structural loads Stress analysis Mechanical properties	CIT
x	12-06	25 February— 1 March	Cranfield (UK)	CIT Short Course on Introduction to Hypersonic Aerodynamics	Hypersonic flow Aircraft aerodynamics Spacecraft aerodynamics Gas dynamics	CIT
x	12-07	11—15 March	Cranfield (UK)	CIT Short Course on Application of Computational Fluid Dynamics to Aeronautical Flows	Aircraft aerodynamics Fluid mechanics Numerical analysis	CIT
x	12-08	13—15 March	Cranfield (UK)	CIT Short Course on Basic Practical Signal Processing	Signal processing Digital systems Measurement techniques	CIT
x	12-09	13—28 March	Oxford (UK)	RAES Management Course on Air Transport	Air transport Management Aeronautics Airline operations Air operations	RAES
x	12-10	18—22 March	Oxford (UK)	NATO—ARW on Measurement of Residual and Applied Stress Using Neutron Diffraction	Structural loads Stress analysis Measurement techniques	NATO
x	12-11	18-22 March	Cranfield (UK)	CIT Short Course on Computer Modelling of Aerospace Vehicle Dynamics	Aircraft aerodynamics Spacecraft aerodynamics Computer simulation Performance prediction Numerical analysis	CIT

12 — EDUCATIONAL COURSES (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
x	12-12 25—28 March	Cranfield (UK)	<p style="text-align: center;">Year 1991</p> CIT University Flight Course	Aircraft Flight control Flight testing Aircraft aerodynamics	CIT
x	12-13 25 March— 5 April	Aussois (FR)	NATO—ASI on Computer Simulation in Materials Science: Interatomic Potentials, Techniques and Applications	Materials Mechanical properties Computer simulation Theoretical physics	NATO
xt	12-14 8—11 April	Hampton, Virginia (US)	AGARD/FDP Short Course on Aircraft Dynamics at High Angle of Attack — Experiments and Modelling	Aircraft aerodynamics Dynamic stability Flight testing Computer simulation Mathematical models	AGARD*
x	12-15 8—12 April	Oberpfaffenhofen (GE)	CCG Short Course on SAR — Principles and Applications	Ground radars Airborne radars Antennas Signal processing Image processing	CCG
x	12-16 8—12 April	Cranfield (UK)	CIT University Flight Course	Aircraft Flight control Flight testing Aircraft aerodynamics	CIT

x	12-17	8—12 April	Cranfield (UK)	CIT Short Course on Introduction to Human Factors in Aviation	Human factors Flight crews Performance prediction Air operations	CIT
x	12-18	14—17 April	Amsterdam (NL)	NACE(E) Short Course on Basic Corrosion	Corrosion Materials Chemical reactions Protective coatings	NACE(E)
x	12-19	15—19 April	Braunschweig (GE)	CCG Short Course on Flug- und Systemsimulation	Flight simulators Flight characteristics Aircraft aerodynamics Spacecraft aerodynamics	CCG
xt	12-20	22—26 April	Brussels (BE)	AGARD/FDP Special Course No.1 on Aircraft Dynamics at High Angles of Attack — Experiments and Modelling	Aircraft aerodynamics Dynamic stability Flight testing Computer simulation Mathematical models	AGARD*
x	12-21	2—4 May	Darmstadt (GE)	IFIP Workshop on CAD/CAM Interface in Mechanical Engineering	Computer aided design Fabrication processes Engineering design	IFIP
xt	12-22	6—10 May	Ankara (TU)	AGARD/FDP Short Course on Engineering Methods Used in Preliminary Design and Design and Analysis of Aircraft	Aircraft Aircraft structures Engineering design Dynamic loads	AGARD*
x	12-23	8—10 May	Cranfield (UK)	CIT Short Course on Machine Vibration Monitoring	Vibration Gas turbine engines Turbines Measurement techniques	CIT

12 — EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-24	13—16 May	Cranfield (UK)	Year 1991 CIT Short Course on Applied Signal Processing for Engineers	Signal processing Digital systems Vibration Data evaluation	CIT
xt 12-25	13—17 May	Brussels (BE)	AGARD/FDP Special Course No.2 on Engineering Methods Used in Preliminary Design and Design and Analysis of Aircraft	Aircraft Aircraft structures Engineering design Dynamic loads	AGARD*
x 12-26	13—17 May	Cranfield (UK)	CIT Short Course on Introduction to Flight Dynamics	Aircraft aerodynamics Flight control Flight characteristics Handling qualities	CIT
x 12-27	13 May— 28 June	Cranfield (UK)	CIT Course on Aircraft Accident Investigation	Accident investigation Accident prevention Aircraft Human factors	CIT
xt 12-28	20—24 May	Madrid (SP)	AGARD/FDP Short Course on Engineering Methods Used in Preliminary Design and Design and Analysis of Aircraft	Aircraft Aircraft structures Engineering design Dynamic loads	AGARD*

x	12-29	20-24 May	Cranfield (UK)	CIT Short Course on Gas Turbine Performance	Gas turbine engines Aircraft propulsion Engineering design Performance prediction	CIT
x	12-30	22-24 May	Columbus, Ohio (US)	NATO-ARW on Ordered and Turbulent Patterns in Taylor-Couette Flow	Fluid mechanics Rheology Turbulent flow Mathematics	NATO
x	12-31	28 May- 5 June	Southampton (UK)	RAES Management Training Course on Aviation Law and its Impact on Management	Laws Aeronautics Management Air transport Airline operations	RAES
x	12-32	3-6 June	Oberpfaffenhofen (GE)	CCG Short Course on Trajectory Optimization and Guidance of Aerospace Vehicles	Guidance Aircraft systems Spacecraft systems Aircraft Spacecraft	CCG
x	12-33	3-7 June	Braunschweig (GE)	CCG Short Course on Technolgen Digitaler Führungssysteme	Flight control Digital systems Data transmission Guidance Aircraft systems	CCG
x	12-34	3-7 June	Cranfield (UK)	CIT Short Course on Introduction to Aircraft Aerodynamics	Aircraft aerodynamics Flight characteristics Handling qualities Flight control Handling qualities Flight control	CIT

12 — EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-35	3—7 June	Cranfield (UK)	Year 1991 CIT Short Course on Microwave Measurement and Practice	Microwaves Measurement techniques Radio communications Ground radars Airborne radars	CIT
x 12-36	3—14 June	Cranfield (UK)	CIT Short Course on The Mechanics of Structural Failure	Aircraft structures Structural loads Fatigue Fracture mechanics Crash protection	CIT
xt 12-37	4—15 June	Fontainebleau (FR)	NATO—ASI on Recent Developments in Decision Support Systems	Decision making Command and control Electronic computers Software	NATO
x 12-38	12—14 June	Trondheim (NO)	ACM 3rd International Workshop on Software Configuration Management	Electronic computers Software Management Data processing	ACM
x 12-39	18—21 June	Oberpfaffenhofen (GE)	CCG Short Course on Nonlinear Control System Design	Automatic control Aircraft systems Spacecraft systems Engineering design	CCG

x†	12-40	24—27 June	Marne-la-Vallée (FR)	NATO—ARW on Learning Electricity or Electronics with Advanced Educational Technology	Electrical systems Electronic systems Education Electronic computers	NATO
x	12-41	24—27 June	Oberpfaffenhofen (GE)	CCG Short Course on Elektro-Optik Radar/Laser/ FLIR	Electro-optics Ground radars Airborne radars Lasers Infrared radiation	CCG
x	12-42	24—28 June	Cranfield (UK)	CIT University Flight Course	Aircraft Flight control Flight testing Aircraft aerodynamics	CIT
x	12-43	24—28 June	Cranfield (UK)	CIT Short Course on Subsonic Aircraft Preliminary Design	Aircraft Aircraft aerodynamics Engineering design Subsonic flow Aircraft propulsion	CIT
x	12-44	1—5 July	Oberpfaffenhofen (GE)	CCG Short Course on Spacecraft Dynamics and Control	Spacecraft Flight control Spacecraft aerodynamics Flight characteristics	CCG
x	12-45	1—5 July	Cranfield (UK)	CIT Short Course on Gas Turbine Combustion	Gas turbine engines Combustion Engineering design Performance prediction	CIT

12 - EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-46	2-4 July	Oberpfaffenhofen (GE)	<p align="center">Year 1991</p> CCG Short Course on Satellitennavigation -- Das Positioning-System GPS/NAVSTAR	Navigation satellites Navigation Positioning Spacecraft systems	CCG
x 12-47	8-11 July	Oberpfaffenhofen (GE)	CCG Short Course on Identification of Flexible Aerospace Systems	Aeroelasticity Aircraft aerodynamics Spacecraft aerodynamics Flight characteristics	CCG
x 12-48	8-12 July	Cranfield (UK)	CIT Short Course on Fundamentals of Control Engineering	Automatic control Engineering design Electrical systems Hydraulic systems Actuators	CIT
x 12-49	8-12 July	Cranfield (UK)	CIT Short Course on Gas Turbine Transient Performance	Gas turbine engines Performance prediction Engineering design	CIT
x† 12-50	14-27 July	Chania, Crete (GR)	NATO-ASI on Physics and Materials Science of High Temperature Superconductors	Materials Superconductivity Mechanical properties	NATO
x 12-51	15-19 July	Cranfield (UK)	CIT Short Course on Control Techniques for Gas Turbine Engines	Gas turbine engines Automatic control Combustion Gas dynamics	CIT

x	12-52	22-26 July	Cranfield (UK)	CIT Short Course on Flight Control System Design	Flight control Aircraft systems Engineering design	CIT
xt	12-53	21 August- 1 September	Fairbanks, Alaska (US)	NATO-ASI on Flow and Dynamic Modelling of the Earth and Planets	Earth atmosphere Space sciences Fluid mechanics Gas dynamics	NATO
x	12-54	2-6 September	Cranfield (UK)	CIT Short Course on Post-Crash Management	Accident investigation Aircraft Management Aircraft safety	CIT
x	12-55	9-13 September	Cranfield (UK)	CIT University Flight Course	Aircraft Flight control Flight testing Aircraft aerodynamics	CIT
x	12-56	16-20 September	Cranfield (UK)	CIT University Flight Course	Aircraft Flight control Flight testing Aircraft aerodynamics	CIT
x	12-57	16-20 September	Cranfield (UK)	CIT Short Course on Turbines for Gas Turbine Engines	Turbines Gas turbine engines Internal aerodynamics Engineering design Vibration	CIT

12 — EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-58	23—27 September	Oberpfaffenhofen (GE)	Year 1991 CCG Short Course on Advances in Coding and Modulation	Coding Modulation Electronic systems Signal processing	CCG
x 12-59	23—27 September	Oberpfaffenhofen (GE)	CCG Short Course on New Technology Involving Electromagnetic and Acoustic Waves for Surveillance/Verification of Military Activity	Electromagnetic propagation Acoustic propagation Surveillance Electronic systems	CCG
x 12-60	23 September— 4 October	Berchtesgarden (GE)	NATO—ASI on Optimization of Large Structural Systems	Aircraft structures Spacecraft structures Engineering design Structural loads	NATO
x 12-61	27 September— 28 June (92)	Rhode-St-Genèse (BE)	VKI One Year Post-Graduate Diploma Course	Fluid mechanics Gas dynamics Aircraft aerodynamics Spacecraft aerodynamics	VKI
x 12-62	7—25 October	Cranfield (UK)	CIT Short Course on Aircraft Gas Turbine Theory and Design	Gas turbine engines Aircraft propulsion Engineering design Internal aerodynamics	CIT

x	12-63	14—17 October	Cranfield (UK)	CIT Short Course on Aircraft Gas Turbine Fuel Pumping Systems	Gas turbine engines Aircraft propulsion Pumps Fuels Aircraft systems	CIT
x	12-64	14—18 October	Braunschweig (GE)	CCG Short Course on Hochgenaue Inertiale Mess- und Navigationssysteme	Navigation Automatic control Inertial systems Aircraft systems Spacecraft systems	CCG
x†	12-65	October—November	Budapest (HU)	OMM Training Course on Background Atmospheric Composition Measurements (Conducted in French)	Earth atmosphere Chemical composition Measurement techniques	OMM
x	12-66	4—8 November	Cranfield (UK)	CIT Short Course on Microwave Measurement and Practice	Microwaves Measurement techniques Radio communications Ground radars Airborne radars	CIT
x	12-67	4—15 November	Cranfield (UK)	CIT Short Course on Accident Investigation for Air Crew and Operations Executives	Accident investigation Aircraft Flight crews Human factors	CIT
x	12-68	11—15 November	Braunschweig (GE)	CCG Short Course on Neue Technologie für Hubschrauber	Helicopters Aircraft structures Avionics Aircraft systems	CCG

12 - EDUCATIONAL COURSES (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
x	12-14 November	Cranfield (UK)	Year 1991 CIT Short Course on Basic Practical Signal Processing	Signal processing Digital systems Measurement techniques	CIT
x	18-22 November	Cranfield (UK)	CIT Short Course on Control Techniques for Gas Turbine Engines	Gas turbine engines Automatic control Combustion Gas dynamics	CIT
x	25-29 November	Braunschweig (GE)	CCG Short Course on Optische Sensoren	Optical systems Sensors Aircraft systems Spacecraft systems	CCG
x	25-29 November	Cranfield (UK)	CIT Short Course on Safety Assessment of Aircraft Systems	Aircraft systems Aircraft safety Engineering design Performance prediction	CIT
x	2-6 December	Cranfield (UK)	CIT Short Course on Introduction to Flight Simulation	Aircraft aerodynamics Flight characteristics Computer simulation Aircraft systems Flight simulators	CIT

x	12-74	3-6 December	Oberpfaffenhofen (GE)	CCG Short Course on Hypersonic Aerodynamik/ Aerothermodynamik	Aircraft aerodynamics Spacecraft aerodynamics Hypersonic flow Shock waves Transitional flow	CCG
x	12-75	9-13 December	Cranfield (UK)	CIT Short Course on Human Performance and Limitations	Human factors Performance prediction Flight crews	CIT

Part 3 Chapitre 3

Keyword Index Index des Mots-Clés

A

Accident Investigation 12-27, 12-54, 12-67
Accident Prevention 10-50, 12-27
Acoustic Propagation 02-27, 02-73, 04-05, 04-22, 04-23, 12-59
Actuators 02-45, 12-48
Aerial Photography 02-17, 02-57, 08-13
Aerodynamic Loads 03-07
Aeroelasticity 03-07, 07-58, 12-47
Aeronautics 10-02, 10-20, 10-47, 11-01, 11-06, 12-09, 12-31
Aeronomy 08-02, 08-11, 08-14, 08-15
Aerospace Industry 02-09, 02-29, 02-75, 02-88, 09-07, 09-09, 09-33, 09-34, 09-41, 10-31, 10-48, 10-64, 10-77, 11-01
Air Operations 01-07, 01-09, 01-10, 03-06, 08-07, 08-09, 10-05, 10-20, 10-24, 10-50, 10-52, 12-09, 12-17
Air Traffic Control 10-05
Air Transport 10-24, 12-09, 12-31
Airborne Radars 02-03, 02-12, 02-23, 02-35, 02-54, 02-78, 02-89, 08-10, 12-15, 12-35, 12-41, 12-66
Aircraft 03-05, 03-06, 10-01, 10-06, 10-11, 10-17, 10-20, 10-22, 10-24, 10-28, 10-29, 10-44, 10-47, 10-48, 10-52, 10-55, 10-61, 10-62, 10-66, 10-71, 10-73, 10-74, 11-01, 11-06, 12-12, 12-16, 12-22, 12-25, 12-27, 12-28, 12-32, 12-42, 12-43, 12-54, 12-55, 12-56, 12-67
Aircraft Aerodynamics 03-02, 03-03, 03-05, 03-06, 03-07, 03-08, 03-11, 03-13, 03-14, 03-15, 03-16, 04-01, 04-05, 04-11, 04-17, 04-20, 04-22, 04-23, 04-24, 06-06, 07-58, 10-04, 10-16, 10-30, 10-63, 10-67, 10-75, 10-78, 12-06, 12-07, 12-11, 12-12, 12-14, 12-16, 12-19, 12-20, 12-26, 12-34, 12-42, 12-43, 12-47, 12-55, 12-56, 12-61, 12-73, 12-74
Aircraft Noise 04-05, 04-22, 04-23
Aircraft Propulsion 06-06, 06-07, 06-08, 06-10, 06-12, 06-14, 06-16, 06-18, 06-19, 07-63, 07-81, 10-04, 10-07, 10-08, 10-30, 10-63, 10-67, 10-71, 10-75, 10-76, 10-78, 12-29, 12-43, 12-62, 12-63
Aircraft Safety 09-01, 10-22, 10-50, 12-54, 12-72
Aircraft Structures 03-07, 03-11, 07-04, 07-07, 07-08, 07-12, 07-15, 07-19, 07-22, 07-31, 07-32, 07-37, 07-38, 07-41, 07-42, 07-43, 07-44, 07-57, 07-58, 07-68, 07-69, 07-71, 07-74, 07-78, 07-88, 10-04, 10-07, 10-08, 10-22, 10-28, 10-30, 10-60, 10-63, 10-67, 10-71, 10-75, 10-78, 12-01, 12-04, 12-22, 12-25, 12-28, 12-36, 12-60, 12-68
Aircraft Systems 01-04, 02-05, 02-26, 02-30, 02-63, 02-67, 02-69, 02-84, 03-13, 03-14, 03-15, 05-01, 05-02, 05-04, 05-05, 05-10, 05-13, 05-14, 05-15, 06-07, 07-31, 07-65, 09-23, 09-33, 10-04, 10-07, 10-08, 10-11, 10-15, 10-19, 10-30, 10-34, 10-60, 10-63, 10-67, 10-78, 11-06, 12-01, 12-32, 12-33, 12-39, 12-52, 12-63, 12-64, 12-68, 12-71, 12-72, 12-73
Airline Operations 08-07, 08-09, 10-05, 10-20, 12-09, 12-31
Antennas 02-22, 02-44, 02-81, 02-82, 02-90, 12-15
Artificial Intelligence 02-26, 05-11, 09-18, 09-19, 09-26, 09-27, 09-39, 09-46, 10-49
Attitude 05-06

Automatic Control 02-80, 05-03, 05-05, 05-06, 05-07, 05-08, 05-09, 05-11, 05-12, 05-13, 05-14, 05-15, 05-19, 07-70, 09-23, 09-39, 10-18, 10-45, 10-49, 10-51, 10-57, 10-65, 10-72, 10-79, 12-39, 12-48, 12-51, 12-64, 12-70
Automatic Test Equipment 02-16, 10-21, 10-53, 10-70, 10-81
Automation 07-53, 07-61, 07-70, 09-05, 09-20, 09-28, 09-44, 10-18, 10-57, 10-65, 10-72, 10-79
Aviation Medicine 01-01, 01-02, 01-03, 01-05, 01-08, 01-11, 01-13, 01-14
Avionics 02-09, 02-13, 02-21, 02-26, 02-29, 02-36, 02-39, 02-40, 02-43, 02-49, 02-63, 02-67, 02-69, 02-75, 02-88, 10-29, 10-66, 10-76, 12-68

B

Balloons 10-38
Biology 01-05, 01-11, 01-12, 01-14
Boundary Layers 04-07, 04-11

C

Ceramics 07-18, 07-27, 07-34, 07-51
Chemical Composition 12-65
Chemical Reactions 07-23, 07-35, 07-76, 07-77, 07-83, 07-87, 12-18
Coding 12-58
Combustion 07-21, 12-45, 12-51, 12-70
Command and Control 05-09, 05-17, 05-18, 10-10, 12-37
Composite Materials 07-01, 07-11, 07-26, 07-29, 07-34, 07-39, 07-45, 07-58, 07-61, 07-66, 12-05
Computer Aided Design 07-50, 09-05, 09-12, 09-19, 09-20, 09-23, 09-32, 09-44, 12-21
Computer Graphics 04-18, 09-08
Computer Simulation 03-05, 03-09, 04-14, 09-01, 09-40, 12-02, 12-11, 12-13, 12-14, 12-20, 12-73
Concrete 07-03
Corrosion 07-06, 07-07, 07-08, 07-34, 07-35, 07-54, 07-57, 07-65, 07-69, 07-76, 07-77, 07-83, 07-87, 12-18
Crash Protection 12-36
Crystal Growth 07-20
Crystallography 07-20

D

Data Evaluation 08-01, 10-41, 10-43, 12-24
Data Processing 01-13, 02-08, 02-56, 02-58, 08-04, 09-03, 09-04, 09-06, 09-10, 09-11, 09-13, 09-15, 09-21, 09-22, 09-24, 09-29, 09-31, 09-35, 09-43, 09-46, 09-47, 10-43, 12-38
Data Transmission 02-14, 02-19, 02-28, 02-42, 02-71, 02-76, 02-85, 09-16, 09-34, 10-36, 11-03, 12-33
Databases 02-58, 09-04, 09-16, 09-25, 09-29
Decelerator Systems 10-19
Decision Making 05-17, 05-18, 10-10, 12-37
Deformation 07-11, 07-13
Detection 02-12
Digital Systems 02-52, 02-75, 09-10, 09-24, 10-36, 12-03, 12-08, 12-24, 12-33, 12-69
Display Devices 01-01, 07-40
Distributed Systems 09-26, 12-02

Document Editing 09-09
Drugs 01-02
Dynamic Loads 03-07, 03-10, 07-12, 07-38, 07-42, 07-74, 10-27, 12-01, 12-22, 12-25,
12-28
Dynamic Stability 03-10, 12-14, 12-20

E

Earth Atmosphere 02-07, 08-03, 08-04, 08-05, 08-07, 08-08, 08-09, 08-11, 08-12,
08-15, 12-53, 12-65
Earth Resources Survey 02-17, 02-57, 08-03, 08-13
Education 07-48, 12-40
Electric Contacts 02-59
Electrical Systems 02-20, 02-21, 02-30, 02-59, 02-80, 02-83, 05-03, 05-07, 05-08,
05-19, 12-40, 12-48
Electro-Optics 02-04, 02-18, 02-24, 02-37, 02-42, 02-48, 02-55, 02-58, 02-70, 02-72,
02-77, 11-02, 11-04, 12-41
Electrochemistry 07-35
Electromagnetic Compatibility 02-13, 02-36, 02-39, 02-40, 02-49
Electromagnetic Propagation 02-13, 02-19, 02-22, 02-23, 02-28, 02-31, 02-33, 02-35,
02-36, 02-39, 02-40, 02-43, 02-44, 02-47, 02-49, 02-54, 02-61, 02-64,
02-78, 02-79, 02-81, 02-82, 02-87, 02-90, 12-59
Electromagnetism 07-17, 07-33, 07-47, 07-62, 07-75, 07-82, 07-84
Electron Beams 02-10
Electron Microscopy 02-55
Electronic Computers 02-26, 02-85, 05-11, 05-12, 05-17, 05-18, 07-50, 08-01, 09-02,
09-03, 09-04, 09-06, 09-08, 09-10, 09-11, 09-13, 09-14, 09-15, 09-17,
09-18, 09-21, 09-22, 09-25, 09-26, 09-27, 09-29, 09-30, 09-31, 09-32,
09-33, 09-35, 09-39, 09-40, 09-42, 09-43, 09-45, 09-46, 10-10, 10-43,
10-45, 12-02, 12-37, 12-38, 12-40
Electronic Systems 02-01, 02-05, 02-08, 02-09, 02-12, 02-13, 02-16, 02-20, 02-21,
02-25, 02-27, 02-29, 02-30, 02-32, 02-34, 02-38, 02-41, 02-47, 02-49,
02-50, 02-53, 02-56, 02-59, 02-65, 02-73, 02-74, 02-75, 02-80, 02-83,
02-84, 02-86, 02-88, 02-91, 05-03, 05-07, 05-08, 05-19, 10-36, 12-40,
12-58, 12-59
Energy Conversion 02-68, 06-02, 06-03, 06-04, 06-12, 06-13, 06-15, 06-19, 10-45
Engineering Design 01-11, 01-14, 02-01, 02-25, 02-30, 02-32, 02-53, 02-72, 02-74,
02-86, 03-05, 06-07, 06-08, 06-16, 07-01, 07-10, 07-16, 07-19, 07-25,
07-37, 07-41, 07-48, 07-50, 07-67, 07-68, 07-73, 07-78, 07-79, 07-85,
07-88, 09-05, 09-12, 09-17, 09-19, 09-20, 09-28, 09-42, 10-06, 10-09,
10-15, 10-16, 10-17, 10-19, 10-22, 10-26, 10-52, 10-55, 10-62, 10-71,
10-74, 12-21, 12-22, 12-25, 12-28, 12-29, 12-39, 12-43, 12-45, 12-48,
12-49, 12-52, 12-57, 12-60, 12-62, 12-72
Engines 06-14, 07-27, 10-01, 10-06, 10-13, 10-29, 10-55, 10-61, 10-62, 10-66, 10-73,
10-74, 10-76
Environment Protection 07-23
Environmental Control 01-04, 01-06

F

Fabrication Processes 02-10, 02-41, 02-46, 02-50, 02-51, 02-65, 02-91, 07-01, 07-02,
07-05, 07-16, 07-20, 07-22, 07-25, 07-26, 07-30, 07-39, 07-45, 07-48,
07-50, 07-53, 07-56, 07-60, 07-61, 07-67, 07-70, 07-72, 07-73, 07-78,
07-79, 07-85, 07-86, 07-88, 09-44, 10-09, 10-23, 10-26, 12-21
Failure Analysis 07-11
Fatigue 07-08, 07-13, 07-19, 07-29, 12-04, 12-36

Ferromagnetism 07-17, 07-33, 07-46, 07-47, 07-62, 07-82, 07-84
Fibre Optics 02-04, 02-06, 02-42, 02-62, 05-02, 07-75, 11-02, 11-04
Fibre-Reinforced Plastics 07-29, 12-05
Films 07-46
Finishing 07-56, 07-60
Finite Element Methods 07-37, 07-41, 10-42, 12-04
Fire Prevention 07-21
Flammability 07-21
Flight Characteristics 03-01, 03-03, 03-04, 03-08, 03-09, 03-10, 03-13, 03-14, 03-15,
03-16, 12-19, 12-26, 12-34, 12-44, 12-47, 12-73
Flight Control 03-01, 03-03, 03-04, 03-08, 03-09, 03-12, 03-16, 05-02, 05-09, 05-10,
12-12, 12-16, 12-26, 12-33, 12-34, 12-42, 12-44, 12-52, 12-56
Flight Crews 01-02, 01-07, 01-09, 01-10, 10-02, 10-11, 10-32, 12-17, 12-55, 12-67,
12-75
Flight Fitness 01-02, 01-08
Flight Simulators 03-04, 03-09, 03-12, 10-15, 12-19, 12-73
Flight Testing 10-27, 10-31, 10-44, 10-64, 10-68, 10-77, 12-12, 12-14, 12-16, 12-20,
12-42, 12-55, 12-56
Flow Visualization 04-18, 04-25
Fluid Mechanics 04-02, 04-03, 04-04, 04-06, 04-08, 04-09, 04-13, 04-14, 04-15, 04-16,
04-18, 04-19, 04-21, 04-24, 04-25, 12-07, 12-30, 12-53, 12-61
Fracture Mechanics 07-32, 12-04, 12-36
Fracture Toughness 07-11, 07-13, 07-32
Fuel Cells 06-02
Fuels 07-63, 07-81, 12-63

G

Gas Dynamics 04-01, 04-02, 04-03, 04-04, 04-05, 04-06, 04-08, 04-09, 04-10, 04-13,
04-15, 04-17, 04-18, 04-20, 04-23, 04-24, 04-25, 08-12, 12-06, 12-51,
12-53, 12-61, 12-70
Gas Turbine Engines 03-11, 04-07, 06-06, 06-07, 06-08, 06-10, 06-14, 06-16, 06-18,
07-27, 07-55, 12-23, 12-29, 12-45, 12-49, 12-51, 12-57, 12-62, 12-63,
12-70
Geophysics 08-03, 08-04, 08-06, 08-07, 08-08, 08-11, 08-14, 08-15
Ground Radars 02-03, 02-12, 02-35, 02-54, 02-78, 02-89, 08-10, 12-15, 12-35, 12-41,
12-66
Ground Testing 02-16, 03-02, 10-15, 10-21, 10-27, 10-31, 10-35, 10-41, 10-53, 10-64,
10-68, 10-70, 10-77, 10-81, 12-01
Guidance 05-02, 05-05, 05-10, 05-13, 05-14, 05-15, 12-32, 12-33

H

Handling Qualities 03-03, 12-26, 12-34
Hardware 09-03, 09-15, 09-17, 09-21, 09-22, 09-28, 09-42, 09-43
Heat Transfer 06-05, 06-09, 06-11, 06-17
Heat Treatment 07-24, 07-52
Helicopters 03-13, 03-14, 03-15, 04-22, 07-15, 07-68, 10-04, 10-07, 10-08, 10-09,
10-13, 10-16, 10-17, 10-24, 10-30, 10-63, 10-67, 10-75, 10-78, 12-68
High Frequencies 02-47
Human Factors 01-03, 03-12, 07-30, 09-13, 09-45, 10-02, 10-11, 10-32, 12-17, 12-27,
12-67, 12-75
Hydraulic Systems 12-48
Hypersonic Flow 10-71, 12-06, 12-74

I

Image Processing 01-01, 02-08, 02-48, 02-56, 02-60, 02-70, 02-77, 04-16, 08-08, 09-08, 12-03, 12-15
Inertial Systems 05-04, 12-64
Information Systems 01-13, 02-85, 08-01, 08-04, 08-06, 09-02, 09-09, 09-16, 09-24, 09-34, 09-36, 09-37, 09-38, 09-41, 09-47
Information Technology 07-53, 09-02, 09-16, 09-24, 09-34, 09-41, 09-47
Infrared Radiation 12-41
Instruments 02-55, 04-09, 08-02, 10-21, 10-31, 10-35, 10-57, 10-64, 10-65, 10-68, 10-72, 10-77, 10-79
Integrated Circuits 02-01, 02-10, 02-25, 02-32, 02-34, 02-38, 02-50, 02-65, 02-74, 02-86, 02-91
Integrated Data Systems 02-56
Intellectual Property Rights 09-36, 09-37, 09-38
Interfaces 09-45
Internal Aerodynamics 03-11, 04-07, 04-10, 04-12, 04-20, 06-06, 12-57, 12-62
Inviscid Flow 04-10
Ionosphere 02-61

J

Joining 07-28

K

Knowledge-Based Systems 09-14, 09-19, 09-25, 09-32

L

Lasers 02-04, 02-11, 02-24, 02-37, 02-66, 04-13, 11-02, 11-04, 12-41
Launchers 10-32
Laws 09-36, 09-37, 09-38, 10-33, 10-80, 12-31
Library Science 09-35, 09-41
Life Support Systems 01-04, 01-06
Lightning Protection 02-21
Liquid Crystals 07-40
Logistics 02-63, 02-67, 02-69, 10-58
Lubrication Systems 07-14, 07-59, 07-63, 07-81

M

Machining 07-24, 07-26, 07-60
Magnetic Fields 07-75
Magnetic Materials 07-17, 07-33, 07-46, 07-47, 07-62, 07-75, 07-82, 07-84
Magnetohydrodynamics 04-15
Maintainability 02-05, 02-84, 10-13, 10-15
Management 02-63, 02-67, 02-69, 07-86, 09-01, 09-07, 10-36, 10-39, 12-09, 12-38, 12-54
Mapping 02-17, 02-57, 08-13, 09-02
Marine Systems 02-03, 03-06

Mass Transfer 06-11
Materials 02-41, 02-51, 07-05, 07-06, 07-07, 07-09, 07-12, 07-14, 07-16, 07-21, 07-22,
07-23, 07-25, 07-31, 07-36, 07-44, 07-49, 07-54, 07-55, 07-56, 07-57,
07-60, 07-63, 07-64, 07-65, 07-66, 07-67, 07-69, 07-71, 07-73, 07-74,
07-76, 07-77, 07-78, 07-79, 07-80, 07-81, 07-83, 07-85, 07-87, 07-88,
12-13, 12-18, 12-50
Mathematical Models 03-02, 04-04, 04-06, 04-07, 04-08, 07-40, 10-42, 12-14, 12-20
Mathematics 03-05, 04-02, 04-14, 04-18, 04-21, 10-25, 10-42, 12-30
Measurement Techniques 02-02, 02-10, 02-11, 02-55, 02-77, 04-09, 04-13, 04-16,
04-25, 06-05, 07-06, 08-02, 08-06, 08-10, 10-21, 10-31, 10-35, 10-40,
10-41, 10-43, 10-44, 10-49, 10-51, 10-53, 10-57, 10-64, 10-65, 10-68,
10-70, 10-72, 10-77, 10-79, 10-81, 12-08, 12-10, 12-23, 12-35, 12-65,
12-66, 12-69
Mechanical Properties 07-01, 07-02, 07-05, 07-09, 07-14, 07-16, 07-18, 07-23, 07-25,
07-27, 07-28, 07-29, 07-36, 07-39, 07-44, 07-45, 07-49, 07-51, 07-52,
07-59, 07-64, 07-67, 07-72, 07-73, 07-78, 07-79, 07-85, 07-88, 12-05,
12-13, 12-50
Metal Matrix Composites 07-39, 07-66
Metallurgy 07-52, 07-64
Metals 07-17, 07-22, 07-24, 07-28, 07-33, 07-34, 07-47, 07-52, 07-55, 07-62, 07-64,
07-66, 07-75, 07-82, 07-84
Meteorological Satellites 10-03
Meteorology 03-03, 08-01, 08-02, 08-03, 08-05, 08-07, 08-09, 08-10, 08-11, 08-12,
08-15
Microprocessors 02-16, 09-28
Microwaves 02-12, 02-34, 02-35, 02-37, 02-54, 02-78, 02-89, 12-35, 12-66
Military Aircraft 02-23, 03-03, 07-08, 07-58
Missile Propulsion 06-10, 06-18
Missiles 10-01, 10-06, 10-29, 10-55, 10-61, 10-62, 10-66, 10-73, 10-74, 10-76
Modulation 12-58
Motion Sickness 01-07, 01-09, 01-10

N

Navigation 05-01, 05-04, 05-06, 05-10, 05-16, 10-12, 12-46, 12-64
Navigation Satellites 05-16, 10-03, 12-46
Network Analysis 05-13, 05-14, 05-15
Noise Reduction 04-05, 04-23, 07-10, 07-15
Non-Destructive Testing 07-09, 07-80, 10-60
Nuclear Energy 06-01, 07-06
Numerical Analysis 04-02, 04-06, 04-14, 04-19, 04-21, 06-06, 07-04, 10-25, 10-42,
10-50, 12-07, 12-11

O

Observation Satellites 02-07, 10-03
Optical Communications 02-06, 02-14, 02-15, 02-33, 02-42, 02-60, 02-64, 02-66, 02-70,
02-71, 02-79, 02-87, 10-44, 11-02, 11-03, 11-04
Optical Microscopy 02-55
Optical Properties 02-60, 02-66
Optical Systems 02-04, 02-06, 02-11, 02-18, 02-48, 02-58, 02-60, 02-62, 02-66, 02-72,
09-04, 11-04, 12-71

P

Pattern Recognition 09-27, 09-46
Performance Prediction 02-23, 03-12, 08-05, 12-11, 12-17, 12-29, 12-45, 12-49, 12-72, 12-75
Phase Transformations 07-52
Photography 02-48, 02-77, 08-06
Photon Beams 02-18
Physiology 01-03, 01-08
Piston Engines 06-08, 06-14
Plasmas 04-15
Plastic Deformation 07-36
Plastics 07-05
Polymers 07-02, 07-05, 07-13, 07-29, 07-34, 07-45, 07-72
Positioning 05-16, 12-46
Power Sources 02-53, 02-68, 06-01, 06-02, 06-03, 06-04, 06-12, 06-13, 06-15, 06-19, 07-06, 10-45
Protective Coatings 07-03, 07-07, 07-54, 07-65, 07-76, 07-77, 07-83, 07-87, 12-18
Psychology 01-03
Pumps 12-63

Q

Quality Assurance 07-09, 07-30, 07-86, 10-23, 10-48

R

Radio Communications 02-14, 02-15, 02-19, 02-22, 02-28, 02-31, 02-33, 02-35, 02-43, 02-44, 02-47, 02-52, 02-54, 02-64, 02-68, 02-71, 02-76, 02-78, 02-79, 02-81, 02-82, 02-83, 02-85, 02-87, 02-89, 02-90, 10-45, 11-03, 12-66
Radio Frequency Interference 02-13, 02-36, 02-39, 02-40, 02-49
Radiography 07-80
Real Time Operation 09-30
Reliability 02-05, 02-20, 02-59, 02-84, 07-54, 09-03, 09-12, 09-18, 10-13
Remote Sensing 02-02, 02-07, 02-17, 02-18, 02-57, 02-61, 02-77, 08-08, 08-13, 10-34, 10-51, 10-59, 12-03
Research and Development 02-03, 02-08, 02-38, 02-72, 04-01, 04-19, 05-01, 07-02, 07-18, 07-35, 07-51, 07-71, 09-09, 09-24, 09-31, 09-35, 10-16, 10-28, 10-37, 10-38, 10-39
Rheology 12-30
Robotics 05-12, 09-14, 10-18
Rocket Engines 06-10, 06-18, 10-38
Rubber 07-10
Runways 07-03

S

Satellite Communications 02-14, 02-15, 02-19, 02-31, 02-33, 02-43, 02-64, 02-68, 02-71, 02-76, 02-79, 02-87, 10-03, 11-03
Scattering 02-23, 10-25
Scientific Satellites 08-14
Semiconductors 02-41, 02-46, 02-51

Sensors 02-02, 02-11, 02-18, 02-45, 02-62, 05-04, 05-12, 08-08, 09-39, 09-44, 10-18,
 10-34, 10-51, 12-71
Shock Waves 04-17, 12-74
Signal Processing 02-27, 02-52, 02-73, 02-80, 12-08, 12-15, 12-24, 12-58, 12-69
Software 05-05, 09-03, 09-05, 09-06, 09-07, 09-11, 09-12, 09-13, 09-14, 09-15, 09-17,
 09-20, 09-21, 09-22, 09-25, 09-27, 09-28, 09-30, 09-31, 09-32, 09-40,
 09-42, 09-43, 12-02, 12-37, 12-38
Solar Cells 06-02, 06-03, 06-13
Solar Energy 06-03, 06-04, 06-12, 06-13, 06-15, 06-19
Solid Mechanics 07-49
Solid State Devices 02-01, 02-20, 02-25, 02-32, 02-34, 02-45, 02-50, 02-51, 02-65,
 02-74, 02-86, 02-91
Space Environment 01-12, 06-04, 08-14, 10-23, 10-26, 10-32, 10-37, 10-56, 10-59,
 10-69, 10-80, 11-05
Space Medicine 01-01, 01-03, 01-05, 01-08, 01-11, 01-12, 01-13, 01-14
Space Operations 01-07, 01-09, 01-10, 10-12, 10-23, 10-26, 10-33, 10-37, 10-46, 10-47,
 10-56, 10-58, 10-59, 10-69, 10-80, 11-05
Space Sciences 08-14, 10-01, 10-46, 10-56, 10-59, 10-61, 10-69, 10-73, 11-05, 12-53
Space Stations 10-46, 10-58, 10-69
Spacecraft 03-01, 03-10, 05-06, 05-09, 05-16, 10-01, 10-06, 10-12, 10-14, 10-26,
 10-28, 10-29, 10-32, 10-33, 10-37, 10-46, 10-47, 10-48, 10-54, 10-55,
 10-56, 10-61, 10-62, 10-66, 10-69, 10-73, 10-74, 10-76, 11-01, 11-06,
 12-32, 12-44
Spacecraft Aerodynamics 03-08, 03-16, 04-01, 04-12, 04-17, 04-20, 04-24, 12-06, 12-11,
 12-19, 12-44, 12-47, 12-61, 12-74
Spacecraft Propulsion 04-12, 06-01, 06-10, 06-12, 06-15, 06-18, 06-19, 07-63, 07-81,
 10-14, 10-38, 10-54
Spacecraft Safety 09-01
Spacecraft Structures 07-04, 07-07, 07-12, 07-22, 07-31, 07-32, 07-37, 07-38, 07-41,
 07-42, 07-43, 07-44, 07-57, 07-69, 07-71, 07-74, 10-14, 10-27, 10-28,
 10-54, 10-60, 12-60
Spacecraft Systems 01-04, 01-06, 02-05, 02-09, 02-29, 02-30, 02-53, 02-75, 02-84,
 02-88, 05-01, 05-05, 05-06, 05-09, 05-10, 05-13, 05-14, 05-15, 06-01,
 07-31, 07-65, 09-23, 09-33, 10-12, 10-14, 10-19, 10-34, 10-54, 10-60,
 11-06, 12-32, 12-39, 12-46, 12-64, 12-71
Static Electricity 02-21
Stimulated Emission Devices 02-24, 02-37
Stress Analysis 07-42, 07-43, 12-04, 12-05, 12-10
Structural Loads 07-04, 07-38, 07-43, 07-68, 12-05, 12-10, 12-36, 12-60
Subsonic Flow 12-43
Superconductivity 12-50
Surface Properties 07-03, 07-14, 07-46, 07-59
Surface Treatment 07-24
Surveillance 02-07, 12-59
Systems Engineering 01-04, 05-03, 05-07, 05-08, 05-19
Switching 02-83

T

Telemetry 10-40, 10-41, 10-59
Television 02-70, 10-40, 11-03
Temperature 01-06
Theoretical Physics 12-13
Thermal Analysis 06-05, 06-09, 06-17
Thermal Radiation 06-09, 06-17
Thermodynamics 04-12, 06-05, 06-09, 06-11, 06-17
Thermoelectric Generators 06-02
Toughened Plastics 07-13

Transitional Flow 04-11, 12-74
Transonic Flow 07-58
Transport Properties 06-11
Transportation 10-39
Tribology 07-14, 07-59
Turbines 04-07, 12-23, 12-57
Turbulent Flow 04-04, 04-08, 08-12, 12-30

U

Ultrasonics 01-05, 07-80
Unsteady Flow 04-03, 07-58

V

Vapour Phases 02-46
Vibration 07-10, 07-15, 12-01, 12-23, 12-24, 12-57
Viscous Flow 04-10
Voice Communication 02-15, 02-27, 02-73
V/STOL Aircraft 10-08, 10-75

W

Wave Propagation 10-25
Welding 07-28
Wind Tunnels 03-02

Part 4 Chapitre 4

Country Codes Codes des Pays

AR	Argentina	KE	Kenya
AU	Austria	LU	Luxembourg
BA	Bermuda	ME	Mexico
BE	Belgium	MO	Monaco
BR	Brazil	NL	Netherlands
BU	Bulgaria	NO	Norway
CA	Canada	NZ	New Zealand
CH	Switzerland	OS	Australia
CI	Ivory Coast	PA	Pakistan
CN	China	PH	Philippines
CU	Cuba	PL	Poland
CZ	Czechoslovakia	PO	Portugal
DA	Denmark	PR	Puerto Rica
EC	Ecuador	RU	Rumania
EG	Egypt	SA	South Africa
EI	Ireland	SE	Senegal
FI	Finland	SG	Singapore
FR	France	SI	Saudi Arabia
GE	Germany	SP	Spain
GR	Greece	SU	USSR
HK	Hong Kong	SW	Sweden
HU	Hungary	TH	Thailand
IC	Iceland	TN	Tunisia
IL	Israel	TU	Turkey
IN	India	UK	United Kingdom
IR	Iran	US	United States of America
IT	Italy	VE	Venezuela
JA	Japan	YU	Yugoslavia

Part 5 Chapitre 5

List of Organizations Liste des Organismes

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
AAAF	Association Aéronautique et Astronautique de France : 6 rue Galilée, 75782 Paris, Cedex 16 Tel. 33 (1) 47.23.07.49 Fax 33 (1) 47.23.07.48	FR
AAAS	American Association for the Advancement of Science : 1776 Massachusetts Avenue, NW, Washington, DC 20036	US
AAS	American Astronautical Society : 6212 Old Keene Mill Court, Springfield, VA 22153 Tel. 703 866 0020	US
ABEND	Associacao Brasileira de Ensaios Nao Destrutivos : Rua Luiz Goes, No.2 2342, 04.043 Sao Paulo Tel.011-578-6677	BR
ACM	Association for Computing Machinery : Conference Coordinator, 11 West 42nd Street, New York, NY 10036. Tel. 212-869-7440	US
ACS	American Chemical Society : 1155 16th Street, NW, Washington, DC 20036	US
ACSI	American Ceramic Society : Conferences, 757 Brooksedge Plaza Drive, Westerville OH 43081 Tel. (614) 890-4700	US
ACSM	American Congress on Surveying and Mapping : 210 Little Falls Street, Falls Church, VA 22046	US
ACSO	ACS Organisations GmbH : Von-Münchhausen-Strasse 29, D-3050 Wunstorf 2 Tel. 0-50-33 20-15 Fax 0-50-33 10-56	GE

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
AGARD*	Advisory Group for Aerospace Research and Development : 7 rue Ancelle, F-92200 Neuilly sur Seine Tel. (1) 47.38.57.95	FR
AHS	American Helicopter Society : 217 North Washington Street, Alexandria, VA 22314 Tel. (703) 684-5777	US
AIAA	American Institute of Aeronautics and Astronautics : 370 L'Enfant Promenade, SW Washington, DC 20024-2518 Tel. (202) 646-7400	US
AICHE	American Institute of Chemical Engineers : 345 East 47th Street, New York, NY 10017	US
AIP	American Institute of Physics : 335 East 45th Street, New York, NY 10017	US
ALENCA	Alena Enterprises of Canada : P.O. Box 1779, Cornwall, Ontario, K6H 5V7 Tel. (613) 932-7702	CA
AMS	American Meteorological Society : 45 Beacon Street, Boston, MA 02108	US
A/SA	Air/Space America : 2830 Shelter Island Drive, San Diego, California 92106 Tel. 619.223.5585	US
ASCE	American Society of Civil Engineers : 345 East 47th Street, New York, NY 10017	US
ASCO	American Society of Composites : 1350 North Fairfield Road, Dayton, Ohio 45432	US
ASE (ESA)	Agence Spatiale Européenne : 8-10 rue Mario Nikis, F-75738 Paris, Cedex 15	FR
ASES	American Solar Energy Society : 2400 Central Avenue, Suite B1, Boulder, CO 80301	US
ASM	American Society for Metals : Metals Park, OH 44073. Tel. (216) 338-5151	US
ASMA	Aerospace Medical Association : 320 South Henry Street, Alexandria, VA 22314-3524 Tel. 703-739-2240	US

* The various AGARD Panels are as follows :

AMP : Aerospace Medical Panel	FDP : Fluid Dynamics Panel
AVP : Avionics Panel	GCP : Guidance and Control Panel
EPP : Electromagnetic Wave Propagation Panel	PEP : Propulsion and Energetics Panel
FMP : Flight Mechanics Panel	SMP : Structures and Materials Panel
	TIP : Technical Information Panel

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
ASME	American Society of Mechanical Engineers : 345 East 47th Street, New York, NY 10017	US
ASNT	American Society for Nondestructive Testing : 1711 Arlingate Lane, PO Box 28518, Columbus, Ohio 43228-0518. Tel.614-274-6003 Telex 245347 Fax 614-274-6899	US
ASPRS	American Society for Photogrammetry and Remote Sensing : 210 Little Falls Street, Falls Church, VA 22046 Tel. (703) 534-6617	US
ASTM	American Society for Testing and Materials : 1916 Race Street, Philadelphia, PA 19103 Tel. (215) 299-5413	US
AW	Akademie der Wissenschaften : c/o Zentralinstitut fuer Felskoerperphysik und Werkstofforschung, Helmholtzstr. 20/PF, DDR-8027, Dresden	GE
BCAS	Business Centre for Academic Societies : 3-23-1 Hongo, Bunkyo-ku, Tokyo 113 Tel.81-3-817-5831 Fax 81-3-817-5836	JA
BCS	British Computer Society : 13 Mansfield Street, London W1M 0BP	UK
BDLI	Bundesverband der Deutschen Luftfahrt-, Raumfahrt- und Ausrüstungsindustrie : Konstantinstrasse 90, Bad Godesberg, D-5300 Bonn 2 Tel. (228) 84907-26 Telex 885528 Fax (228) 330778	GE
BLR&DD	British Library Research and Development Division : 2 Sheraton Street, London W1V 4BH Tel. 44 71 323 7050 Fax 071 323 7251	UK
CCG	Carl-Cranz-Gesellschaft : Flugplatz, D-8031 Wessling-Oberpfaffenhofen Tel. (08153) 28-413 Telex 05-26419 DLR Fax (08153) 28-1345	GE
CEC	Commission of the European Communities : c/o WIP, Sylvenstein Strasse 2, D-8000 Muenchen 70	GE
CISM	Centre International des Sciences Mécaniques : Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine	IT
CIT	Cranfield Institute of Technology : Cranfield, Bedford MK43 0AL. Tel. 0234 75011 Telex 825072 CITECH G Fax 0234 751206	UK
CMI	Computational Mechanics Institute : Ashurst Lodge, Ashurst, Southampton SO4 2AA Tel. 44 0703 293223	UK

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
CNES	Centre National d'Etudes Spatiales : Département Publications, 18 Avenue Edouard Belin, F-31055 Toulouse Cedex. Tel. 61.27.34.69	FR
CNRS	Centre National de la Recherche Scientifique : 15 Quai Anatole France, F-75007 Paris. Tel. (1) 45.55.92.25	FR
COSPAR	ICSU Committee on Space Research : 51 Boulevard de Montmorency, F-75016 Paris Tel. (1) 45.25.65.92	FR
DGLR	Deutsche Gesellschaft für Luft- und Raumfahrt : Godesberger Allee 70, D-5300 Bonn 2	GE
DLR	Deutsche Forschungsanstalt für Luft- und Raumfahrt e.V. : DLR Institut für Physik der Atmosphäre, 8031 Oberpfaffenhofen	GE
DOE	U.S. Department of Energy : P.O. Box 62, Oak Ridge, TN 37831. Tel. (615) 576-1201	US
ECS	European Ceramic Society : c/o Deutsche Keramische Gesellschaft e.V., Franfurter Street 196, 5000 Koeln 90	GE
EFC	European Federation of Corrosion : c/o DECHEMA, Postfach 970146, D-6000 Frankfurt am Main 97	GE
EOQC	European Organisation of Quality Control : P.O. Box 5032, CH-3001, Berne Tel. 41 31 21 61 66 Fax 41 31 26 32 57	CH
EPS	European Physical Society : P.O. Box 69, CH-1211 Petit Lancy 2	CH
ETHZ	Eidgenössische Technische Hochschule Zürich : Hönggerberg, CH-8092 Zürich	CH
EUROMECH	European Mechanics Committee : Secretariat, Dept of Mechanical Engineering, Lulea University of Technology, S-951 87 Lulea Tel. 46-920-91281 Telex 80447 LUHS Fax 46-920-97288	SW
EUROMICRO	European Association for Microprocessing and Microprogramming : PO Box 2346, 7302 EA Apeldoorn Tel. 31.55.557372 Telex 31.55.557393	NL
EUROPTICA	Europtica Services I.C. : 16 av. Bugeaud, 75116 Paris. Tel. 33.1.45.53.26.67 Telex 642632	FR
FAA	Federal Aviation Administration : 800 Independence Avenue SW, Washington, DC 20590	US

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
FINCORR	FINCORR : Etelaranta 10, SF-00130 Helsinki. Tel. 358-01923382 Telex 124997 FIMET Fax 358-0624462	FI
GAMM	Gesellschaft für Angewandte Mathematik und Mechanik : Technische Universität, Arcisstrasse 21, Pf 202420, D-8000 München 2	GE
GIFAS	Groupement des Industries Françaises Aéronautiques et Spatiales : 4 rue Galilée, F-75782 Paris Cedex 16 Tel. 03 987 3161 Fax 147 20 00 86	FR
HAI	Helicopter Association International : 1619 Duke Street, Alexandria, VA 22314-3439 Tel. (703) 683-4646	US
HAS	Hungarian Academy of Sciences : Research Institute for Technical Physics, Ujpest 1, PF 76, 1325 Budapest	HU
HFS	Human Factors Society : P.O. Box 1369, Santa Monica, CA 90406	US
HUST	Huazhong University of Science and Technology : Department of Electrical Power Engineering, Wuhan Hubei 430074. Tel. 701541-363 Telex 40131 HBHUT Fax 027-711262	CN
HUT	Helsinki University of Technology : Laboratory of Corrosion and Material Chemistry, SF-02150, Espoo Telex 125161 HTKKSF Fax 3580-4512832	FI
IAF	International Astronautical Federation : 3-5 rue Mario Nikis, F-75015 Paris. Tel. (1) 45.67.42.60	FR
IAMAP	IUGG International Association of Meteorology and Atmospheric Physics : Institut für Meteorologie und Geophysik, Universität Innsbruck, A-6020 Innsbruck. Tel 43 512 507 2183 Telex 847 533 708	CH
ICSTI	International Council for Scientific and Technical Information : Secretariat, 51 Boulevard de Montmorency, 75016 Paris Tel (33) (1) 45-25-65-92 Telex ICSU 630 553F Fax (33) (1) 42-88-14-66	FR
ICTP	International Centre for Theoretical Physics : P.O. Box 586, I-34100 Trieste. Tel. 22401	IT
IEE	Institution of Electrical Engineers : Conference Services: Savoy Place, London, WC2R 0BL Tel. 44 71 240 1871 Ext. 222 Telex 261176 IEE LDNG Fax 071-240 7735	UK

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
IEEE	Institute of Electrical and Electronics Engineers : Conference Coordination: 345 East 47th Street, New York, NY 10017. Tel. (212) 705-7947	US
IEICEJ	Institute of Electronics, Information and Communication Engineers of Japan : Kikai Shinko Kaikan, 3-5-8 Shiba-koen, Minato-ku, Tokyo 105	JA
IFAC	International Federation of Automatic Control : Secretariat: Schlossplatz 12, A-2361 Laxenburg Tel. (02236) 71447	AU
IFIP	International Federation for Information Processing : Secretariat: 16 place Longemalle, CH-1204 Geneva Tel. (41) 22 282649	CH
IFS	Institute of Fluid Science : Tohoku University, 2-1-1 Katahira Aoba, Sendai 980 Tel. 022 227 6200 3343 Fax 022 223 2748	JA
IGI	Information Gatekeepers Inc. : 214 Harvard Avenue, Boston MA 02134 Tel. 617-232-3111, Fax 617-734-8562	US
IGTI	International Gas Turbine Institute : 6085 Barfield Road, Suite 207, Atlanta, GA 30328 Tel. 404-847-0072	UK
IGU	IGU : IGU Secretariat, 17th and M Street NW, Washington DC 20036	US
IJCAI	International Joint Conferences on Artificial Intelligence : c/o SRI International, Menlo Park, CA 94025	US
IMACS	International Association for Mathematics and Computers in Simulation : Secretariat: 40 Millview Lawns, Malahide, Co. Dublin Tel. (353-1) 45 20 81	EI
IME	Institution of Mechanical Engineers : 1 Birdcage Walk, Westminster, London SW1H 9JJ Tel. 44 71 222 7899	UK
IMEKO	International Measurement Confederation : c/o Faculty of Science and Engineering, Ritsumeikan University, 56-1 Tojiin-kita, Kita-ku, Kyoto 603	JA
INCE	Institute of Noise Control Engineering : P.O. Box 3067, Arlington Branch, Poughkeepsie, NY 12603	US

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
INRIA	Institut National de Recherche en Informatique et en Automatique : Domaine de Voluceau-Rocquencourt, BP 105, F-78153 Le Chesnay Cedex. Tel. (1) 39 63 55 15/56 75, Telex: INRIA 697 0 33F, Fax (1) 39 63 56 38	FR
INTELSAT	International Telecommunications Satellite Organization : c/o Nordic Conventions A/S, Raadhustraede 5, DK-1466, Copenhagen	DA
IOP	Institute of Physics : Meetings Officer, 47 Belgrave Square, London, SW1X 8QX Tel. 44 71 235 6111 Telex 918453 Fax 071-259-6002	UK
IPSS	International Power Sources Symposium Committee : P.O. Box 17, Leatherhead, Surrey KT22 9QB	UK
ISA	Instrument Society of America : 67 Alexander Drive, P.O. Box 12277, Research Triangle Park, NC 27709. Tel. (919) 549-8411, Telex 802 540 Fax (919) 549-8288	US
ISHM	International Society for Hybrid Microelectronics : c/o Convention Travel International B.V., 10 Churchillplein, NL-2508 ED, The Hague	NL
ISPRS	International Society for Photogrammetry and Remote Sensing : Secretariat: c/o U.S. Geological Survey, P.O. Box 516, Reston VA 22092	US
ISVR	Institute of Sound and Vibration Research : The University, Southampton SO9 5NH	UK
ITU	Istanbul Technical University : Faculty of Management, Maçka, Istanbul 80680 Tel. 90-1-132 21 03 Fax 90-1-176-1734	TU
IUGG	International Union of Geodesy and Geophysics : c/o School of Surveying, University of New South Wales, Kensington, NSW 2033	OS
IUPAC	International Union of Pure and Applied Chemistry : Secretariat: 2/3 Pound Way, Cowley Centre, Oxford, OX4 3YF	UK
IUPAP	International Union of Pure and Applied Physics : Secretariat: c/o Institute of Theoretical Physics, Fack S-40220 Göteborg	SW
IUTAM	International Union of Theoretical and Applied Mechanics : Secretariat: c/o Chalmers University of Technology, S-41269 Göteborg	SW
KU	Kyoto University Faculty of Engineering : Yoshida-Honmachi, Sakyo-ku, Kyoto 606	JA

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
LIA	Laser Institute of America : 5151 Monroe Street, Suite 118W, Toledo, OH 43623	US
MELECON	MELECON 91 : Secretariat, Fakulteta za Elektrotehniko, Trzaska 25, 61001 Ljubljana. Tel. 38 61 265-161 Fax 38 61 264-990	YU
MIT	Massachusetts Institute of Technology : Cambridge, MA 02139. Tel 617-253-6645	US
NACE	National Association of Corrosion Engineers : P.O. Box 218340, Houston, TX 77218. Tel. (713) 492-0535 Telex 792310 NACE HOU Fax (713) 492-8254	US
NACE(E)	National Association of Corrosion Engineers (Europe) : P.O. Box 251, Guildford, Surrey GU1 3DJ. Tel. 44 483 37771 Telex 792310 NACE HOU	UK
NASA	National Aeronautics and Space Administration : Headquarters: Washington, DC 20546	US
NATO	North Atlantic Treaty Organization : Scientific Affairs Division, B-1110 Bruxelles Tel. (32) 02.728.41.11	BE
NSS	National Space Society : c/o San Antonio Space Society, Southwest Research Institute, 6220 Culebra Road, PO Drawer, 28510 San Antonio, Texas 78228-0510 Tel. 512 522 3823 Fax 512 684 3133	US
NTT	NTT : R&D Laboratories, 1-2356 Take, Yokosuka-shi, Kanagawa 238-03	JA
NYSU	New York State University at Buffalo : c/o Department of Chemistry, Buffalo, NY 14214	US
OCS	Oficina del Comisario sede Social : Avenida de la Palmera 43, E-41013 Seville Tel. 954 62 93 11 Telex 72661	SP
OMM (WMO)	Organisation Météorologique Mondiale : 41 Avenue Giuseppe Motta, Case Postale n°5, CH-1211 Geneva 20	CH
ONLINE	Blenheim On Line : Blenheim House, Ash Hill Drive, Pinner, Middlesex HA5 2AE. Tel. 44 81 868 4466	UK
OSA	Optical Society of America : 1816 Jefferson Place, NW, Washington, DC 20036 Tel. (202) 223-8130	US

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
PCT	Paisley College of Technology : High Street, Paisley, Renfrewshire PA1 2BE Tel. 44 41-887-5948 Fax 44-41-889-9755	UK
PRI	Plastics and Rubber Institute : 11 Hobart Place, London, SW1W 0HL Tel. 44 71 245 9555 Telex 915719 PRIUK Fax 44 71 823 1379	UK
RACI	Royal Australian Chemical Institute : P.O. Box 224, Belmont, Victoria 3216	OS
RAES	Royal Aeronautical Society : 4 Hamilton Place, London, W1V 0BQ. Tel. 44 71 499 3515 Telex 262826 (RAESOC G) Fax 071 499 6230	UK
RIN	Royal Institute of Navigation : c/o Royal Geographical Society, 1 Kensington Gore, London SW7 2AT. Tel. 44 71 589 5021 Fax 071-823-8671	UK
RS	Royal Society : 6 Carlton House Terrace, London SW1Y 5AG Tel. 44 71 839 5561	UK
RSC	Royal Society of Chemistry : Burlington House, London W1V 0BN	UK
SAE	Society of Automotive Engineers : Meetings Division, 400 Commonwealth Drive, Warrendale, PA 15096. Tel. (412) 776-4841	US
SAMECA	SAMECA : François Buffeteau, 34 rue du Môle, 78550 Gressey Tel. 34 87 75 60, Fax 49 11 18 10	FR
SAMPE	Society for the Advancement of Materials and Process Engineering : P.O. Box 2459, Covina, CA 91722. Tel. (818) 331-0616	US
SCS	Society for Computer Simulation International : P.O. Box 17900, San Diego, California 92117-7900 Tel. (619) 277-3888 Fax (619) 277-3930	US
SEE	Société des Electriciens, des Electroniciens et des Radioélectriciens : 48 rue de la Procession, F-75015 Paris Tel. (1) 45.67.07.50	FR
SFDAS	Société Française de Droit Aérien et Spatial : c/o Agence Spatiale Européene, 8-10 rue Mario Nikis, F-75738 Paris Cedex 15	FR
SFTE	Society of Flight Test Engineers : P.O. Box 4047, Lancaster, CA 93539	US

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
SIAM	Society for Industrial and Applied Mathematics : 1405 Architects Building, 117 South 17th Street, Philadelphia, PA 19103	US
SME	Society of Manufacturing Engineers : 1 SME Drive, P.O. Box 930, Dearborn, MI 48121 Tel. (313) 271-1500	US
SPIE	International Society for Optical Engineering : P.O.Box 10, 1022 19th Street, Bellingham, WA 98227-0010 Tel. (206) 676-3290	US
SPSE	Society of Photographic Scientists and Engineers : 7003 Kilworth Lane, Springfield, VA 22151	US
SWCS	Swedish Ceramic Society : c/o Swedish Ceramic Institute, P.O. Box 5403, S-40229, Goeteborg	SW
UCB	University of California — Berkeley : Conference Coordinator: Lawrence Berkeley Laboratory, 1 Cyclotron Road, Berkeley CA 94720	US
UIT(IUT)	Union Internationale des Télécommunications : 2 rue de Varembe, CH-1211 Geneva 20	CH
UMIST	University of Manchester Institute of Science and Technology : P.O. Box 88, Manchester M60 1QD	UK
UN	University of Nagoya : Department of Electronics, Faculty of Engineering, Furo-cho, Chikusa-ku, Nagoya 464-01	JA
UNSW	University of New South Wales : Sydney	OS
URSI	Union Radio Scientifique Internationale : Avenue A. Lancaster 32, B-1180 Bruxelles Tel. 02 374 13 08	BE
US	University of Sydney : Dept of Aeronautical Engineering, NSW 2006 Tel. (02) 692 2850 Fax (02) 692 2012	OS
UV	University of Vienna : Liebigasse 4/3-4, A-1010 Wien Tel 43.1.43.67.12 Fax 43.1.43.01.97	AU
VDE	Verband Deutscher Elektrotechniker : Zentralstelle Tagungen und Seminare, Stresemannallee 15, D-6000 Frankfurt-am-Main 70 Tel. (069) 63 08 202 Ext. 321	GE

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
VKI	Von Kármán Institute for Fluid Dynamics : Chaussée de Waterloo 72, B-1640 Rhode St Genèse Tel. 02.358.19.01, Fax (02) 358.26.85	BE
WFUMB	World Federation for Ultrasound in Medicine and Biology : Secretariat: 4L Portman Mansions, Chiltern Street, London W1M 1LF	UK

To be mailed to :

AGARD/SPE
7, rue Ancelle, 92200 Neuilly-sur-Seine
FRANCE

or (from North America)

AGARD
APO New York 09777
Attention: SPE

A G A R D M E E T I N G F O R M / F I C H E D E M A N I F E S T A T I O N

TITLE OF MEETING, EXHIBITION OR COURSE / TITRE DU CONGRES, SALON OU COURS:

.....
.....
.....
.....

LOCATION (CITY AND NATION) / LIEU (VILLE ET PAYS):

.....
.....
.....

DATE (S):

SPONSOR (S) (NAME & ADDRESS) / ORGANISME (S) RESPONSABLE (S) (NOM & ADRESSE):

.....
.....

CONTACT (NAME & ADDRESS) / ORGANISME A CONTACTER (NOM & ADRESSE):

.....
.....

TOPICS DISCUSSED (KEY WORDS) / THEMES DISCUTES (MOTS CLES):

.....
.....

NOTE — Information to be announced in AGARD Calendar of Selected Aeronautical & Space Meetings must be received by AGARD at least 2 months before each issuing date, i.e. before April 15th and October 15th respectively.
NOTA — Les renseignements destinés à être inclus dans le Calendrier des Manifestations Aéronautiques et Spatiales de l'AGARD devront être reçus par l'AGARD au moins 2 mois avant chaque date de publication, soit avant le 15 avril et le 15 octobre respectivement.

AGARD

NATO OTAN

7 RUE ANCELLE · 92200 NEUILLY-SUR-SEINE

FRANCE

Téléphone (1)47.38.57.00 · Téléc 610 176

Télécopie (1)47.38 57.99

DIFFUSION DES PUBLICATIONS

AGARD NON CLASSIFIEES

L'AGARD ne détient pas de stocks de ses publications, dans un but de distribution générale à l'adresse ci-dessus. La diffusion initiale des publications de l'AGARD est effectuée auprès des pays membres de cette organisation par l'intermédiaire des Centres Nationaux de Distribution suivants. Ces Centres disposent parfois d'exemplaires additionnels; dans les cas contraire, on peut se procurer ces exemplaires sous forme de microfiches ou de microcopies auprès des Agences de Vente dont la liste suit.

CENTRES DE DIFFUSION NATIONAUX

ALLEMAGNE
Fachinformationszentrum,
Karlsruhe
D-7514 Eggenstein-Leopoldshafen 2

BELGIQUE
Coordonnateur AGARD-VSL
Etat-Major de la Force Aérienne
Quartier Reine Elisabeth
Rue d'Evere, 1140 Bruxelles

CANADA
Directeur du Service des Renseignements Scientifiques
Ministère de la Défense Nationale
Ottawa, Ontario K1A 0K2

DANEMARK
Danish Defence Research Board
Ved Idraetsparken 4
2100 Copenhagen Ø

ESPAGNE
INTA (AGARD Publications)
Pintor Rosales 34
28008 Madrid

ETATS-UNIS
National Aeronautics and Space Administration
Langley Research Center
M/S 180
Hampton, Virginia 23665

FRANCE
O.N.E.R.A. (Direction)
29, Avenue de la Division 1 eclerc
92320, Châtillon sous Bagneux

GRECE
Hellenic Air Force
Air War College
Scientific and Technical Library
Dekelia Air Force Base
Dekelia, Athens TGA 1010

ISLANDE
Director of Aviation
c/o Flugrad
Reykjavik

ITALIE
Aeronautica Militare
Ufficio del Delegato Nazionale all'AGARD
3 Piazzale Adenauer
00144 Roma EUR

LUXEMBOURG
Voir Belgique

NORVEGE
Norwegian Defence Research Establishment
Attn: Biblioteket
P.O. Box 25
N-2007 Kjeller

PAYS-BAS
Netherlands Delegation to AGARD
National Aerospace Laboratory NLR
Kluyverweg 1
2629 HS Delft

PORTUGAL
Portuguese National Coordinator to AGARD
Gabinete de Estudos e Programas
CLAFIA
Base de Alfragide
Alfragide
2700 Amadora

ROYAUME UNI
Defence Research Information Centre
Kentigern House
65 Brown Street
Glasgow G2 8EX

TURQUIE
Milli Savunma Başkanlığı (MSB)
ARGE Daire Başkanlığı (ARGE)
Ankara

LE CENTRE NATIONAL DE DISTRIBUTION DES ETATS-UNIS (NASA) NE DETIENT PAS DE STOCKS
DES PUBLICATIONS AGARD ET LES DEMANDES D'EXEMPLAIRES DOIVENT ETRE ADRESSEES DIRECTEMENT
AU SERVICE NATIONAL TECHNIQUE DE L'INFORMATION (NTIS) DONT L'ADRESSE SUIT.

AGENCES DE VENTE

National Technical Information Service
(NTIS)
5285 Port Royal Road
Springfield, Virginia 22161
Etats-Unis

ESA/Information Retrieval Service
European Space Agency
10, rue Mario Nikis
75015 Paris
France

The British Library
Document Supply Division
Boston Spa, Wetherby
West Yorkshire LS23 7BQ
Royaume Uni

Les demandes de microfiches ou de photocopies de documents AGARD doivent comporter le numéro de série AGARD, le titre, le nom de l'auteur ou du rédacteur-coordonnateur et la date de publication. Les demandes adressées au NTIS doivent comporter le numéro matricule NASA du rapport. Des références bibliographiques complètes ainsi que des résumés des publications AGARD figurent dans les journaux suivants:

Scientific and Technical Aerospace Reports (STAR)
publié par la NASA Scientific and Technical
Information Branch
NASA Headquarters (NIT-40)
Washington D C. 20546
Etats-Unis

Government Reports Announcements (GRA)
publié par National Technical Information Services.
Springfield
Virginia 22161
Etats-Unis



Imprimé par Specialised Printing Services Limited
40 Chigwell Lane, Loughton, Essex IG10 3TZ

AGARD

NATO OTAN

7 RUE ANCELLE - 92200 NEUILLY-SUR-SEINE

FRANCE

Telephone (1)47.38.57.00 Telex 610-176
Telefax (1)47.38.57.99

DISTRIBUTION OF UNCLASSIFIED
AGARD PUBLICATIONS

AGARD does NOT hold stocks of AGARD publications at the above address for general distribution. Initial distribution of AGARD publications is made to AGARD Member Nations through the following National Distribution Centres. Further copies are sometimes available from these Centres, but if not may be purchased in Microfiche or Photocopy form from the Sales Agencies listed below. N.B. NATO UNCLASSIFIED publications such as this are NOT available from the Sales Agencies.

NATIONAL DISTRIBUTION CENTRES

NASA

National Aeronautics and
Space Administration

Washington, D.C. **SPECIAL FOURTH CLASS MAIL**
20546 **BOOK**

Postage and Fees Paid
National Aeronautics and
Space Administration
NASA-451

Official Business
Penalty for Private Use \$300



L1 001 AGCAL-91-1910204A004982D
DEPT OF DEFENSE
DEFENSE TECHNICAL INFORMATION CENTER
ATTN : MR KURT N MOLHOLM, ADMINISTRATOR
CAMERON STATION
ALEXANDRIA VA 22306145

Reykjavik

Glasgow G2 8EX

ITALY

Aeronautica Militare
Ufficio del Delegato Nazionale all'AGARD
3 Piazzale Adenauer
00144 Roma/EUR

UNITED STATES

National Aeronautics and Space Administration (NASA)
Langley Research Center
M/S 180
Hampton, Virginia 23665

THE UNITED STATES NATIONAL DISTRIBUTION CENTRE (NASA) DOES NOT HOLD STOCKS OF AGARD PUBLICATIONS, AND APPLICATIONS FOR COPIES SHOULD BE MADE DIRECT TO THE NATIONAL TECHNICAL INFORMATION SERVICE (NTIS) AT THE ADDRESS BELOW.

SALES AGENCIES

National Technical
Information Service (NTIS)
5285 Port Royal Road
Springfield, Virginia 22161
United States

ESA/Information Retrieval Service
European Space Agency
10, rue Mario Nikis
75015 Paris
France

The British Library
Document Supply Centre
Boston Spa, Wetherby
West Yorkshire LS23 7BQ
United Kingdom

Requests for microfiche or photocopies of AGARD documents should include the AGARD serial number, title, author or editor, and publication date. Requests to NTIS should include the NASA accession report number. Full bibliographical references and abstracts of AGARD publications are given in the following journals:

Scientific and Technical Aerospace Reports (STAR)
published by NASA Scientific and Technical
Information Branch
NASA Headquarters (NIT-40)
Washington D.C. 20546
United States

Government Reports Announcements (GRA)
published by the National Technical
Information Service, Springfield
Virginia 22161
United States



Printed by Specialised Printing Services Limited
40 Chigwell Lane, Loughton, Essex IG10 3TZ

ISBN 92-835-0597-2