

Microsystems Technology Symposium

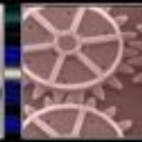


March 5-7, 2007
San Jose, CA



MICROSYSTEMS TECHNOLOGY SYMPOSIUM
ENABLING THE FUTURE

MARCH 5 - 7, 2007 • SAN JOSE, CALIFORNIA



Report Documentation Page

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Why We Are Here

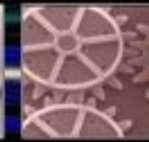


Expand the dialogue on future directions for Microsystems technology research that will enable new platform capability.



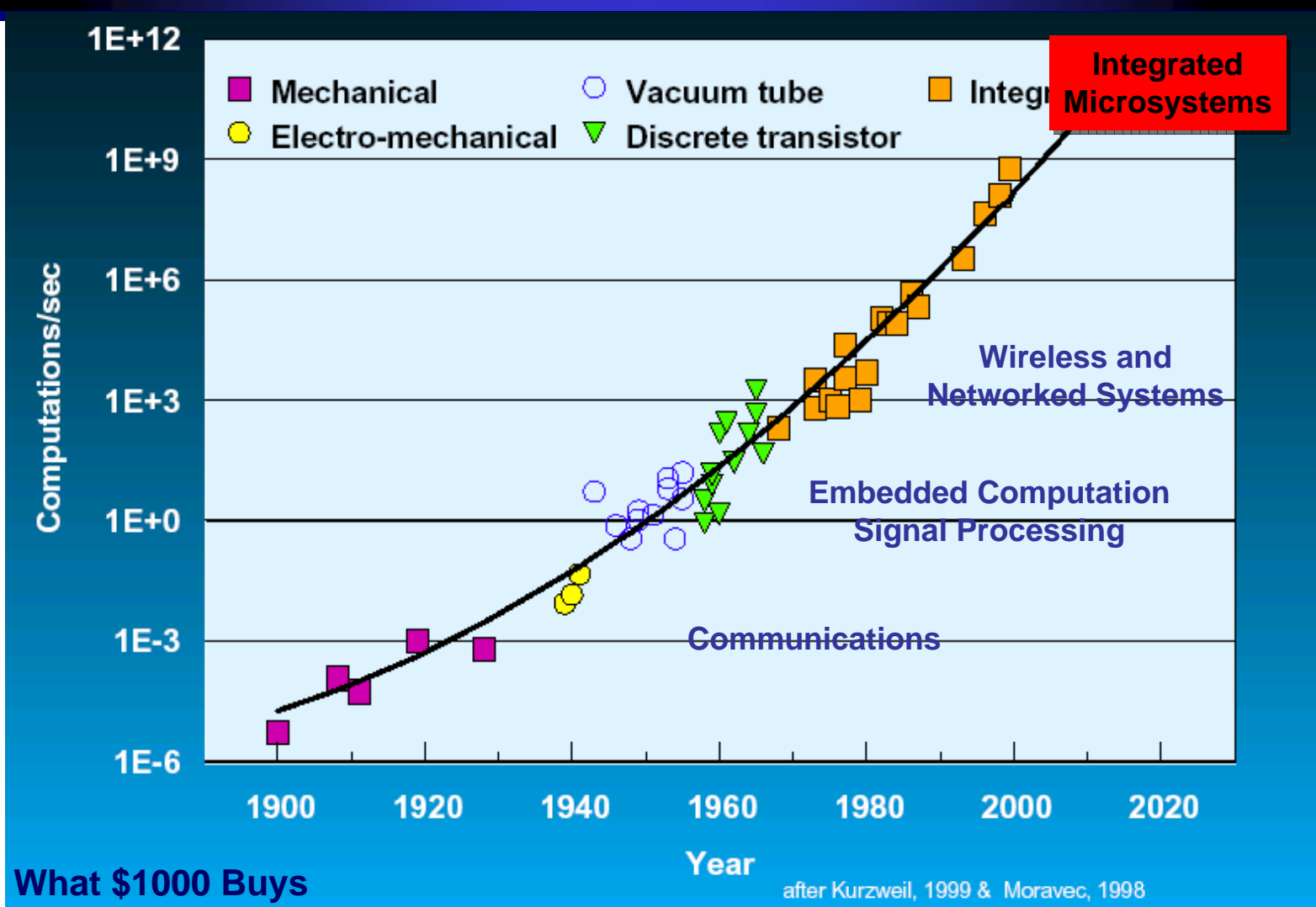
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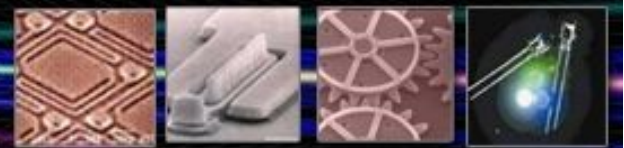


Progression of Microtechnology



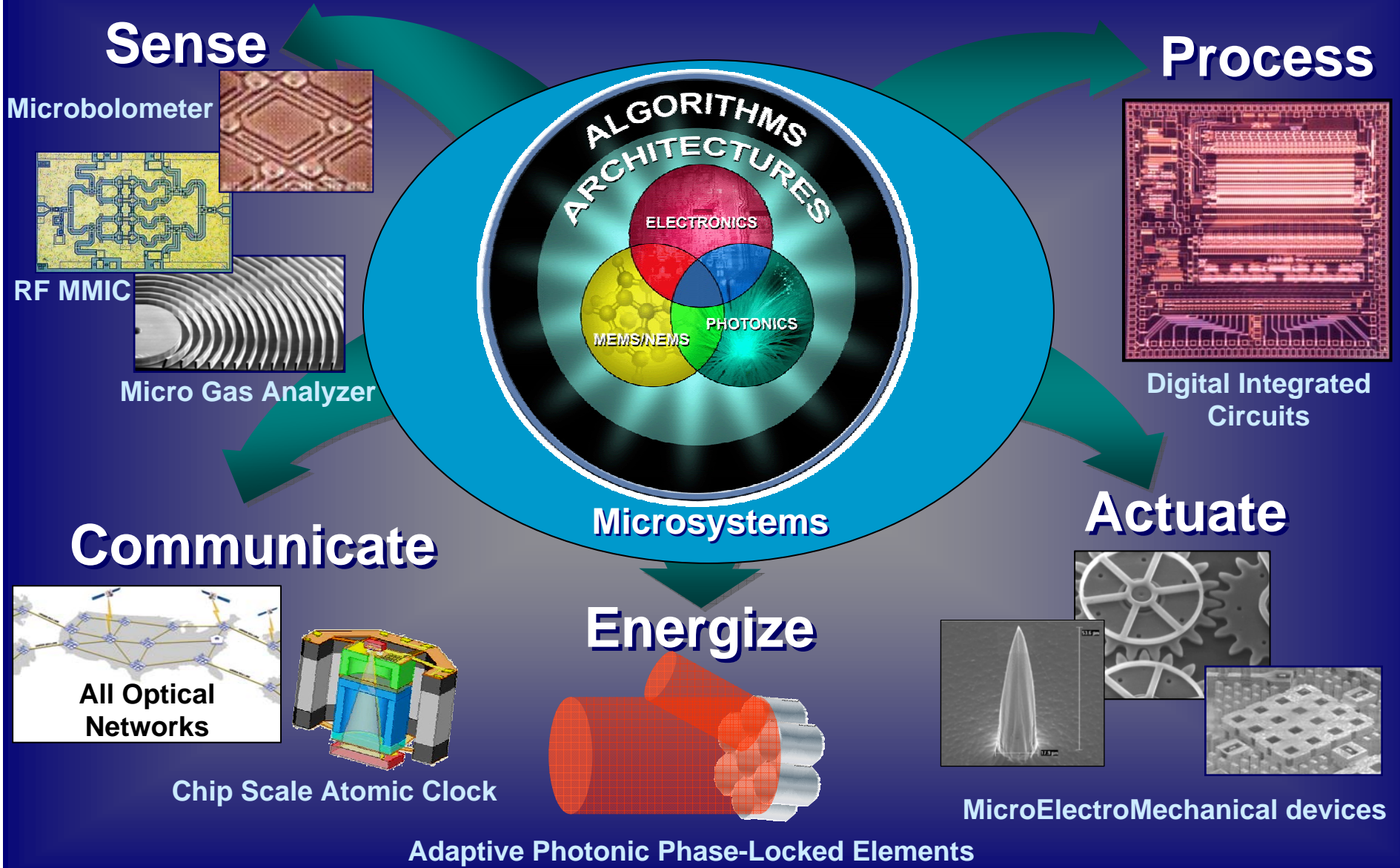
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Microsystems Technology Office: Enabling Future Capability





Agenda at a Glance

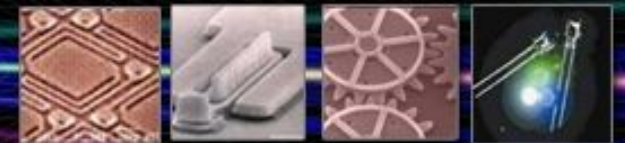


	Monday March 5, 2007	Tuesday March 6, 2007	Wednesday March 7, 2007
0700	Registration (Imperial Foyer)	Registration (Imperial Foyer)	Registration (Imperial Foyer)
0730	Continental Breakfast	Continental Breakfast	Continental Breakfast
0800	(Regency Ballroom)	(Regency Ballroom)	(Regency Ballroom)
0830	Opening Remarks	Introduction	Plenary: Dr. Haensch
0900	Keynote: Dr. Leheny	Plenary: Dr. Wineland	Energize (Imperial Ballroom)
0930	Sensing (Imperial Ballroom)	Processing (Imperial Ballroom)	
1000			
1030			
1100			
1130	Lunch (Regency Ballroom)	MTO Initiatives / Future Directions Dr. Zolper	
1200		Lunch (Regency Ballroom)	
1230	Communciation (Imperial Ballroom)	Actuation (Imperial Ballroom)	Lunch (Regency Ballroom)
1300			
1330			
1400			
1430			
1500			
1530			
1600			
1630	Welcome Reception/ Poster Session (Regency Ballroom)	Reception	Banquet & Speaker: Dr. Arati Prabhakar (Regency Ballroom)
1700			
1730			
1800			
1830			
1900			
1930			



MICROSYSTEMS TECHNOLOGY SYMPOSIUM ENABLING THE FUTURE

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Symposium Structure



Thrust Area Section Organization:

- **Keynote/Plenary Talks**
 - **DARPA/MTO PM Presentations**
 - **Panel Discussions**
 - **Performer/Industry Presentations**
 - **Panel Discussions**

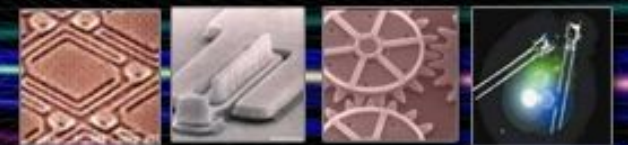
Additional Events:

- **Poster Reception**
- **Banquet/Keynote Presentation**



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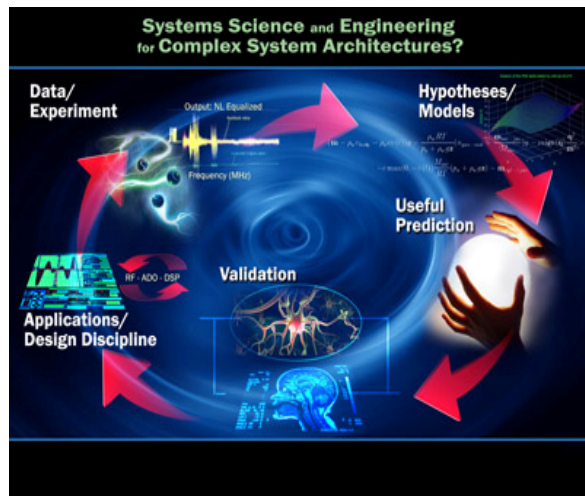
MTO Initiatives



Chip Scale Avionics



Young Faculty Award



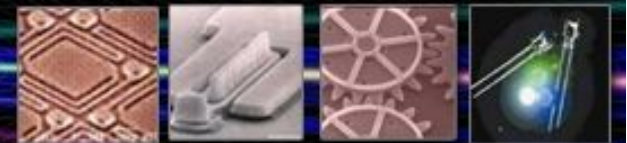
Complex Systems Architectures (CSA)

- CSA Website: Forums, Wiki, Community
- Please register at the CSA display area just outside the main convention room.



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Plenary Speakers



Tuesday Morning:

**Dr. David Wineland,
NIST**

**Topic:
Quantum Science and Technology**

Wednesday Morning:

**Dr. Wilfried Haensch,
IBM**

**Topic:
Future Directions and Challenges for
Scaled CMOS**

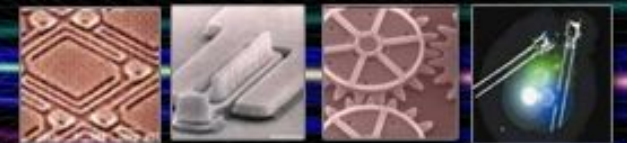
**Banquet Speaker:
Dr. Arati Prabhakar
Partner,
US Venture Partners**

Dr. Prabhakar is a Former MTO Director and Former Director of NIST.



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Keynote Speaker

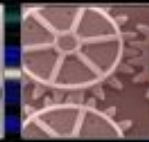


Dr. Robert Leheny Deputy Director, DARPA



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