	,			
REPORT DOCUMENTATION	ON PAGE		Form Ap	proved OMB NO. 0704-0188
The public reporting burden for this collection of in searching existing data sources, gathering and mair regarding this burden estimate or any other aspe Headquarters Services, Directorate for Information Respondents should be aware that notwithstanding a of information if it does not display a currently valid OPLEASE DO NOT RETURN YOUR FORM TO THE A	ntaining the data needed, act of this collection of in Operations and Report any other provision of law, MB control number.	and comple nformation, ts, 1215 Je	eting and revie including sugg fferson Davis	ewing the collection of information. Send comments gesstions for reducing this burden, to Washington Highway, Suite 1204, Arlington VA, 22202-4302.
1. REPORT DATE (DD-MM-YYYY)	2. REPORT TYPE			3. DATES COVERED (From - To)
10-01-2018	Final Report			15-Jul-2016 - 14-Nov-2016
4. TITLE AND SUBTITLE			5a. CONTR	RACT NUMBER
Final Report: 2016 Quantum Science C	Gordon Research		W911NF-	16-1-0409
Conference			5b. GRAN	Γ NUMBER
			5c. PROGR 611102	AM ELEMENT NUMBER
6. AUTHORS			5d. PROJEC	CT NUMBER
			5e. TASK N	NUMBER
			5f. WORK	UNIT NUMBER
7. PERFORMING ORGANIZATION NAME Gordon Research Conferences, Inc. 512 Liberty Lane	ES AND ADDRESSES	S		PERFORMING ORGANIZATION REPORT IMBER
West Kingston, RI 0289	02 -1502			
9. SPONSORING/MONITORING AGENCY (ES)	Y NAME(S) AND ADI	ORESS		SPONSOR/MONITOR'S ACRONYM(S) RO
U.S. Army Research Office P.O. Box 12211				SPONSOR/MONITOR'S REPORT MBER(S)
Research Triangle Park, NC 27709-2211			695	91-PH-CF.1
12. DISTRIBUTION AVAILIBILITY STATE	EMENT		•	
Approved for public release; distribution is unl	imited.			
13. SUPPLEMENTARY NOTES				
The views, opinions and/or findings contained of the Army position, policy or decision, unles				ould not contrued as an official Department
14. ABSTRACT				

## 15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:		17. LIMITATION OF		19a. NAME OF RESPONSIBLE PERSON		
a. REP	PORT	b. ABSTRACT	c. THIS PAGE	ABSTRACT	OF PAGES	Jun Ye
UU		UU	υυ	UU		19b. TELEPHONE NUMBER 303-735-3171

#### **RPPR Final Report**

as of 25-Jan-2018

Agency Code:

Proposal Number: 69591PHCF Agreement Number: W911NF-16-1-0409

**INVESTIGATOR(S):** 

Name: Ph.D Jun Ye

Email: ye@jila.colorado.edu Phone Number: 3037353171

Principal: Y

Organization: Gordon Research Conferences, Inc. Address: 512 Liberty Lane, West Kingston, RI 028921502

Country: USA

DUNS Number: 075712877 EIN: 050300482

Report Date: 14-Feb-2017 Date Received: 10-Jan-2018

Final Report for Period Beginning 15-Jul-2016 and Ending 14-Nov-2016

Title: 2016 Quantum Science Gordon Research Conference

Begin Performance Period: 15-Jul-2016 End Performance Period: 14-Nov-2016

Report Term: 0-Other

Submitted By: Nancy Ryan Gray Email: nih@grc.org
Phone: (401) 360-1505 **Distribution Statement:** 1-Approved for public release; distribution is unlimited.

STEM Degrees: 0 STEM Participants: 0

**Major Goals:** Organizing a Gordon Research Conference involves extensive communication with the research community to identify important issues at the frontiers of the field, and solicit suggestions for speakers and discussion leaders to participate in the conference. The Chair then contacts prospective participants to invite them to talk and discuss the nature of their contributions. The Chair then communicates the topics and aims of the conference through web pages, contact with relevant international professional bodies and email to members of the research community around the world to encourage applications for participation in the conference. The Chair is then responsible for assessing and accepting the applications and fielding a host of questions both concerning the technical content and practical aspects of conference participation.

Accomplishments: The 2016 Gordon Research Conference on Quantum Science was held on July 31 - August 5, 2016 at Stonehill College, Easton, MA. The Chairs for the meeting were Jun Ye (an experimental physicist working on the frontiers of quantum metrology and many-body physics at JILA, University of Colorado) and Frank Verstraete (a theoretical physicist working on the foundational aspects of quantum information science at University of Vienna). The Vice Chairs were Ana Maria Rey (University of Colorado) and Andrew Houck (Princeton University).

The aim of this conference was to explore frontier topics in the field of quantum science research, covering fundamental questions on quantum information and decoherence, entanglement and correlation dynamics, quantum sensing and fundamental physics, and new quantum systems. The program committee consisted of the four chairs, and Dave Wineland, Hans Briegel, Misha Lukin, Peter Zoller, Ignacio Cirac, Immanuel Bloch, David Huse, and Arno Rauschenbeutel.

The scientific program consisted of five evening sessions and four morning sessions, starting from Sunday night (July 31, 2016) and ending on Friday morning (August 5). The evening sessions featured one discussion leader and two invited speakers each. The morning sessions had one discussion leader and three invited speakers each. Besides exploring quantum information processing algorithm and architecture, important questions discussed included the connections between quantum entanglement, non-equilibrium dynamics, correlated states of matter, thermalization and decoherence. We addressed the implications of quantum entanglement for outstanding questions in condensed matter, high energy, and general relativity, while we explored the technological applications in quantum sensing and construction of interconnected and robust quantum systems.

We also held a student-focused Gordon Research Seminar (GRS) on July 30-31 (just before GRC). Jutho Haegeman (Univ. Vienna) and Jacob Covey (Univ. Colorado) are the student co-chairs. The interaction between

#### **RPPR Final Report**

as of 25-Jan-2018

students and practicing scientists was a highlight of this conference.

The focus of the Gordon Research Seminar on Quantum Science was on the most timely ideas from quantum science and address such topics as the design and control of synthetic quantum matter, the evolution and thermalization of out-of equilibrium systems and its relation to many-body localization, as well as the application of entanglement theory and quantum error correction to our understanding of condensed matter, high-energy physics and quantum gravity.

**Training Opportunities:** Speakers, discussion leaders, poster presenters and attendees simultaneously contributed to and benefited from the collective skills and experience shared throughout the conference.

Results Dissemination: Conference Program

Honors and Awards: Nothing to Report

**Protocol Activity Status:** 

Technology Transfer: Nothing to Report

# R

#### GORDON RESEARCH CONFERENCES

FINAL PROGRESS REPORT Army Research Office Quantum Science GRC/GRS

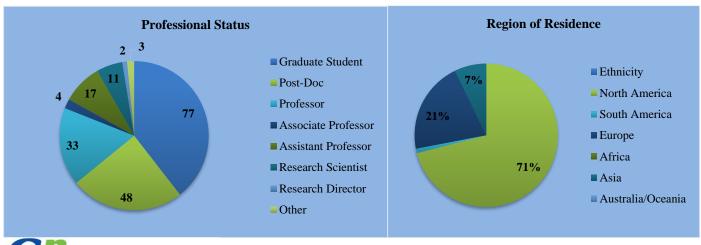
Grant Number W911NF-16-1-0409 July 30-August 5, 2016

#### **Operational Summary**

The Gordon Research Conference (GRC) and Gordon Research Seminar (GRS) on Quantum Science were held at the Stonehill College in Easton, Massachusetts from July 30-August 5, 2016. The meeting covered a variety of scientific topics and the content presented was highly rated by participants.

### \*\*Conference Participants

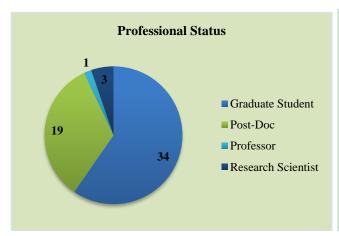
The Conference was well-attended with 195 participants. Scientists from academia represented 93% of the participants while attendees from government accounted for 5% and those from industry totaled 2%. The meeting also attracted a strong mix of young investigators and senior scientists. Students and post-docs accounted for 64% of all attendees. Approximately 13% of the participants at the 2016 meeting were women.

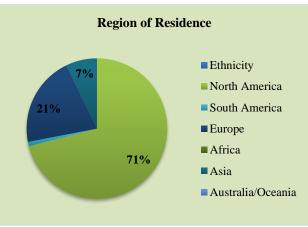


## G Gordon Research Seminars

#### **Seminar Participants**

The Seminar was well-attended with 57 participants. Scientists from academia represented 98% of the participants while attendees from government accounted for 2%. Students and post docs combined accounted for 93% of all attendees. Approximately 12% of the participants at the 2016 seminar were women.





#### **Conference Program**

The 2016 Gordon Research Conference on Quantum Science was held on July 31 - August 5, 2016 at Stonehill College, Easton, MA. The Chairs for the meeting were Jun Ye (an experimental physicist working on the frontiers of quantum metrology and many-body physics at JILA, University of Colorado) and Frank Verstraete (a theoretical physicist working on the foundational aspects of quantum information science at University of Vienna). The Vice Chairs were Ana Maria Rey (University of Colorado) and Andrew Houck (Princeton University).

The aim of this conference was to explore frontier topics in the field of quantum science research, covering fundamental questions on quantum information and decoherence, entanglement and correlation dynamics, quantum sensing and fundamental physics, and new quantum systems. The program committee consisted of the four chairs, and Dave Wineland, Hans Briegel, Misha Lukin, Peter Zoller, Ignacio Cirac, Immanuel Bloch, David Huse, and Arno Rauschenbeutel.

The scientific program consisted of five evening sessions and four morning sessions, starting from Sunday night (July 31, 2016) and ending on Friday morning (August 5). The evening sessions featured one discussion leader and two invited speakers each. The morning sessions had one discussion leader and three invited speakers each. Besides exploring quantum information processing algorithm and architecture, important questions discussed included the connections between quantum entanglement, non-equilibrium dynamics, correlated states of matter, thermalization and decoherence. We addressed the implications of quantum entanglement for outstanding questions in condensed matter, high energy, and general relativity, while we explored the technological applications in quantum sensing and construction of interconnected and robust quantum systems.

We also held a student-focused Gordon Research Seminar (GRS) on July 30-31 (just before GRC). Jutho Haegeman (Univ. Vienna) and Jacob Covey (Univ. Colorado) are the student co-chairs. The interaction between students and practicing scientists was a highlight of this conference.

The focus of the Gordon Research Seminar on Quantum Science was on the most timely ideas from quantum science and address such topics as the design and control of synthetic quantum matter, the evolution and thermalization of out-of equilibrium systems and its relation to many-body localization, as well as the application of entanglement theory and quantum error correction to our understanding of condensed matter, high-energy physics and quantum gravity.

#### **Conference Budget**

Funding provided by the Army Research Office supported partial registration for 5 postdocs, 14 graduate students, 20 professors, 1 assistant professor and 2 research scientists at the GRC and partial registration for 17 graduate students, 7 postdocs, 1 professor and 1 research scientist at the GRS.

#### **Conference Feedback**

Participants had an opportunity to provide feedback at the end of the Conference. The feedback collected from the meeting was extremely positive. Evaluations included numerous positive remarks regarding the quality and diversity of talks, active poster sessions and the in formal discussions. Evaluations from the GRS included positive comments regarding the discussions, great talks and the question and answer time.

GRC would like to thank the Army Research Office for its continued support of the meetings. The contributions received from the Army Research Office have been critical to the success of the conferences and are having a measurable impact in advancing the frontiers of science worldwide.

Dr. Jun Ye, GRC Chair JILA, University of Colorado Boulder

Dr. Jutho Haegeman, GRS Chair Ghent Univeristy

Dr. Nancy Ryan Gray President and Chief Executive Officer Gordon Research Conferences

#### **Quantum Science**

Gordon Research Conference

Quantum Entanglement, New States of Matter, and Correlated Dynamics

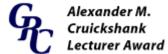
July 31 - August 5, 2016

Stonehill College Easton, MA

Chairs: <u>Jun Ye</u> & <u>Frank Verstraete</u>
Vice Chairs: <u>Ana Maria Rey</u> & <u>Andrew Houck</u>

#### Contributors



















#### Meeting Program

Sunday	
2:00 pm - 9:00 pm	Arrival and Check-in
6:00 pm	Dinner
7:30 pm - 7:40 pm	Welcome / Introductory Comments by GRC Site Staff
7:40 pm - 9:30 pm	Computational Architecture, Entanglement/Computation Through Dissipation
	Discussion Leader: Ignacio Cirac (Max Planck Institute of Quantum Optics, Germany)
7:40 pm - 8:00 pm	Ignacio Cirac (Max Planck Institute of Quantum Optics, Germany)
	"Quantum Information Processing and Dissipation"
8:00 pm - 8:10 pm	Discussion

8:10 pm - 8:40 pm	Robert Schoelkopf (Yale University, USA)
	"Cats in Microwave Cavities: Extending the Lifetime of Information by Error Correction"
8:40 pm - 8:50 pm	Discussion
8:50 pm - 9:20 pm	Yiheng Lin (National Institute of Standards and Technology / JILA, University of Colorado
	Boulder, USA)
	"Logic Gates and Alternative Entanglement Schemes for Trapped Ions"
9:20 pm - 9:30 pm	Discussion
Monday	
7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	Quantum Information and Condensed Matter
	Discussion Leader: Matthew P. Fisher (University of California, Santa Barbara, USA)
9:00 am - 9:30 am	Matthew P. Fisher (University of California, Santa Barbara, USA)
	"Quantum Cognition"
9:30 am - 9:45 am	Discussion
9:45 am - 10:15 am	Ehud Altman (Weizmann Institute of Science, Israel)
	"Computing Thermalizing Quantum Dynamics Using Tensor Networks"
10:15 am - 10:30 am	Discussion
10:30 am - 11:00 am	Coffee Break
11:00 am - 11:30 am	Matthew Hastings (Microsoft, USA)
	"Improved Quantum LDPC Codes"
11:30 am - 11:45 am	Discussion
11:45 am - 12:15 pm	Hannes Pichler (Harvard University, USA)
	"Measuring the Entanglement Spectrum of Many-Body States"
12:15 pm - 12:30 pm	Discussion
12:30 pm	Lunch

1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session
6:00 pm	Dinner
7:30 pm - 9:30 pm	Quantum Metrology, Sensing, and Other Areas (Chemistry/Biology)
	Discussion Leader: Vladan Vuletic (Massachusetts Institute of Technology, USA)
7:30 pm - 8:00 pm	Vladan Vuletic (Massachusetts Institute of Technology, USA)
	"Entangling Many Atoms with One Photon"
8:00 pm - 8:10 pm	Discussion
8:10 pm - 8:40 pm	David Reitze (LIGO Laboratory, California Institute of Technology, USA)
	"LIGO: Where Quantum Science and High Energy Astrophysics Come to Meet"
8:40 pm - 8:50 pm	Discussion
8:50 pm - 9:20 pm	Mark Kasevich (Stanford University, USA)
	"Precision Inertial Sensing with Atom Interferometry"
9:20 pm - 9:30 pm	Discussion
Tuesday	
7:30 am - 8:30 am	Breakfast
8:30 am	Group Photo
9:00 am - 12:30 pm	Hybrid Systems, Quantum Networks/Communication
	Discussion Leader: Eugene Polzik (University of Copenhagen, Denmark)
9:00 am - 9:30 am	Eugene Polzik (University of Copenhagen, Denmark)
	"Quantum Mechanics in the Negative Mass Reference Frame"
9:30 am - 9:45 am	Discussion
9:45 am - 10:15 am	Alexander M. Cruickshank Lecture: Mikhail Lukin (Harvard University, USA)
	"New Interface Between Quantum Optics and Nanoscience"

10:15 am - 10:30 am	Discussion
10:30 am - 11:00 am	Coffee Break
11:00 am - 11:30 am	Oskar Painter (California Institute of Technology, USA)
	"Quantum Optomechanics and Interfaces"
11:30 am - 11:45 am	Discussion
11:45 am - 12:15 pm	Ronald Hanson (Delft University of Technology, The Netherlands)
	"From a Loophole-Free Bell Test Towards a Quantum Internet"
12:15 pm - 12:30 pm	Discussion
12:30 pm	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session
6:00 pm	Dinner
7:30 pm - 9:30 pm	Quantum Computation Algorithm, Error Corrections
	Discussion Leader: <b>David Divincenzo</b> (RWTH Aachen University, Germany)
7:30 pm - 8:00 pm	David Divincenzo (RWTH Aachen University, Germany)
	"Electromagnetic Modeling for Microwave Quantum Computation"
8:00 pm - 8:10 pm	Discussion
8:10 pm - 8:40 pm	Rainer Blatt (University of Innsbruck, Austria)
	"Quantum Information Science with Trapped Ca+ Ions"
8:40 pm - 8:50 pm	Discussion
8:50 pm - 9:20 pm	Barbara Terhal (RWTH Aachen University, Germany)
	"Single-Mode Displacement Sensor"
9:20 pm - 9:30 pm	Discussion
Wednesday	
7:30 am - 8:30 am	Breakfast

9:00 am - 12:30 pm	Many-Body Entanglement and Dynamics, Decoherence, Thermalization/Localization
	Discussion Leader: Eugene Demler (Harvard University, USA)
9:00 am - 9:30 am	Eugene Demler (Harvard University, USA)
	"Mesoscopic Physics with Ultracold Atoms"
9:30 am - 9:45 am	Discussion
9:45 am - 10:15 am	Markus Greiner (Harvard University, USA)
	"Measurement of Entanglement Entropy in a Quantum Many-Body System"
10:15 am - 10:30 am	Discussion
10:30 am - 11:00 am	Coffee Break
11:00 am - 11:30 am	Charles Marcus (Niels Bohr Institute, University of Copenhagen, Denmark)
	"Majorana Electronics"
11:30 am - 11:45 am	Discussion
11:45 am - 12:15 pm	Christian Gross (Max Planck Institute of Quantum Optics, Germany)
	"Exploring the Many-Body Localization Transition in Two Dimensions"
12:15 pm - 12:30 pm	Discussion
12:30 pm	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session
6:00 pm	Dinner
7:00 pm - 7:30 pm	Business Meeting
	Nominations for the Next Vice Chair; Fill in Conference Evaluation Forms; Discuss Future Site
	and Scheduling Preferences; Election of the Next Vice Chair
7:30 pm - 9:30 pm	Strongly Interacting Photons, Cavity QED with Real and Artificial Atoms
	Discussion Leader: Darrick Chang (ICFO - The Institute of Photonic Sciences, Spain)
7:30 pm - 8:00 pm	Darrick Chang (ICFO - The Institute of Photonic Sciences, Spain)

	"Atomic Physics Meets Nanophotonics: Creating Complex Quantum States of Matter and Light"
8:00 pm - 8:10 pm	Discussion
8:10 pm - 8:40 pm	Jeff Kimble (California Institute of Technology, USA)
	"Strong Atom-Light Interactions in Photonic Crystals"
8:40 pm - 8:50 pm	Discussion
8:50 pm - 9:20 pm	Konrad Lehnert (JILA, University of Colorado Boulder, USA)
	"Quantum Science and Technology with Electromechanical Devices"
9:20 pm - 9:30 pm	Discussion
Thursday	
7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	Novel Quantum Systems, Such as Long-Range Interactions, Spin-Orbit Coupling
	Discussion Leader: Francesca Ferlaino (University of Innsbruck, Austria)
9:00 am - 9:30 am	Francesca Ferlaino (University of Innsbruck, Austria)
	"Exploring Dipole-Dipole Interactions in Ultracold Gases of Magnetic Atoms"
9:30 am - 9:45 am	Discussion
9:45 am - 10:15 am	John Bollinger (National Institute of Standards and Technology, USA)
	"Quantum Spin Dynamics and Entanglement Generation with Hundreds of Trapped Ions"
10:15 am - 10:30 am	Discussion
10:30 am - 11:00 am	Coffee Break
11:00 am - 11:30 am	Deborah Jin (JILA, University of Colorado Boulder, USA)
	"Quantum Gas of Polar Molecules"
11:30 am - 11:45 am	Discussion
11:45 am - 12:15 pm	Antoine Browaeys (Institut d'Optique, CNRS, France)
	"Implementation of Spin Hamiltonians in Arrays of Individual Rydberg Atoms"

12:15 pm - 12:30 pm	Discussion
12:30 pm	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session
6:00 pm	Dinner
7:30 pm - 9:30 pm	Quantum Science in High Energy and General Relativity
	Discussion Leader: <b>Igor Pikovski</b> (Institute for Theoretical Atomic, Molecular and Optical Physics (ITAMP), Harvard University, USA)
7:30 pm - 8:00 pm	Igor Pikovski (Institute for Theoretical Atomic, Molecular and Optical Physics (ITAMP),
	Harvard University, USA)
	"Gravitational Phenomena in Low-Energy Quantum Systems"
8:00 pm - 8:10 pm	Discussion
8:10 pm - 8:40 pm	Norbert Schuch (Max Planck Institute of Quantum Optics, Germany)
	"Topological Order and Tensor Networks: A Holographic Perspective"
8:40 pm - 8:50 pm	Discussion
8:50 pm - 9:20 pm	Brian Swingle (Stanford University, USA)
	"Measuring Quantum Information Scrambling"
9:20 pm - 9:30 pm	Discussion
Friday	
7:30 am - 8:30 am	Breakfast
9:00 am	Departure

#### **Quantum Science (GRS)**

Gordon Research Seminar

Quantum Simulation, Entanglement and Dynamics of Condensed Matter Systems and Field Theories

July 30-31, 2016

Stonehill College Easton, MA

Chairs: Jutho Haegeman & Jacob Covey

#### Contributors



#### Meeting Program

Saturday	
2:00 pm - 5:00 pm	Arrival and Check-in
3:30 pm - 3:45 pm	Introductory Comments by GRC Site Staff / Welcome by the GRS Conference Chair
3:45 pm - 4:30 pm	Keynote Session: Polarons in Electron Systems and Ultracold Atoms
	Discussion Leader: Puneet Murthy (University of Heidelberg, Germany)
3:45 pm - 4:20 pm	Eugene Demler (Harvard University, USA)
	"Polarons in Electron Systems and Ultracold Atoms"
4:20 pm - 4:30 pm	Discussion
4:30 pm - 6:00 pm	Poster Session
6:00 pm	Dinner
7:30 pm - 9:30 pm	Topological Order, Error Correction and Quantum Gates
	Discussion Leader: Dong-Ling Deng (Condensed Matter Theory Center and Joint Quantum Institute,
	University of Maryland, College Park, USA)
7:30 pm - 7:50 pm	Guillaume Dauphinais (Université de Sherbrooke, Canada)
	"Fault-Tolerant Error Correction for Systems of Non-Abelian Anyons"
7:50 pm - 8:00 pm	Discussion
8:00 pm - 8:20 pm	Timothy Hsieh (Kavli Institute for Theoretical Physics, USA)
	"Bulk Topological Proximity Effect"
8:20 pm - 8:30 pm	Discussion

8:30 pm - 8:50 pm	Itsik Cohen (Hebrew University of Jerusalem, Israel) "Two-Qubit Gate with Trapped Ions Under Long-Wavelength Radiation"
8:50 pm - 9:00 pm	Discussion
9:00 pm - 9:20 pm	Sagar Vijay (Massachusetts Institute of Technology, USA) "Fracton Topological Order, Generalized Lattice Gauge Theory and Duality"
9:20 pm - 9:30 pm	Discussion
Sunday	
7:30 am - 8:30 am	Breakfast
9:00 am - 11:00 am	Quantum Magnetism and Many-Body Localization
	Discussion Leader: Michael Goldman (Harvard University, USA)
9:00 am - 9:20 am	Jacob Smith (Joint Quantum Institute, University of Maryland, College Park, USA) "Quantum Thermalization and Localization in a Trapped Ion Quantum Simulator"
9:20 am - 9:30 am	Discussion
9:30 am - 9:50 am	Maria Moreno-Cardoner (ICFO - The Institute of Photonic Sciences, Spain) "Subradiant Collective States in Atomic Arrays"
9:50 am - 10:00 am	Discussion
10:00 am - 10:20 am	<b>Huanqian Loh</b> (Massachusetts Institute of Technology, USA)  "Long-Lived Spin Coherence in Ultracold Fermionic NaK Molecules"
10:20 am - 10:30 am	Discussion
10:30 am - 10:50 am	Pranjal Bordia (Quantum Many Body Systems Division (MPQ), Ludwig Maximilian University of Munich, Germany) "Probing Many-Body Localization with Ultracold Fermions in Optical Lattices"
10:50 am - 11:00 am	Discussion
11:00 am - 12:30 pm	Poster Session
	Coffee will be served in the poster area from 11:00 am - 11:30 am
12:30 pm	Lunch
1:30 pm - 2:30 pm	Entanglement in Quantum Matter
	Discussion Leader: <b>Xiaopeng Li</b> (Condensed Matter Theory Center and Joint Quantum Institute, University of Maryland, College Park, USA)
1:30 pm - 1:50 pm	<b>Zhexuan Gong</b> (Joint Quantum Institute, University of Maryland, College Park, USA) "Entanglement Area Law for Long-Range Interacting Systems"
1:50 pm - 2:00 pm	Discussion

2:00 pm - 2:20 pm	Philipp Preiss (Heidelberg University, Germany) "Measuring Entanglement Entropy in Synthetic Matter"
2:20 pm - 2:30 pm	Discussion
2:30 pm - 3:00 pm	Evaluation Period
	Fill in GRS Evaluation Forms
3:00 pm	Seminar Concludes

•	8		
Name	Organization	Participation	Status
Aggarwal, Nancy	LIGO, MIT	Poster Presenter	Registered
Altman, Ehud	UC Berkeley	Speaker	Registered
Arrangoiz-Arriola, P	Stanford University	Attendee	Registered
Asenjo-Garcia, Ana	Caltech	Poster Presenter	Registered
Axline, Christopher	Yale University	Poster Presenter	Registered
Barik, Sabyasachi	IREAP	Attendee	Registered
Beck, Mark	Whitman College	Poster Presenter	Registered
Béguin, Jean-Baptiste	Niels Bohr Institute	Poster Presenter	Registered
Bhaskar, Mihir K	Harvard University	Poster Presenter	Registered
Blatt, Rainer	University of Innsbruck	Speaker	Registered
Bollinger, John J	National Institute of Standards and Technology	Speaker	Registered
Bondar, Denys I	Princeton University	Poster Presenter	Registered
Bordia, Pranjal	Ludwig Maximilian University of Munich	Poster Presenter	Registered
Borregaard, Johannes	Harvard University	Poster Presenter	Registered
Brekenfeld, Manuel	Max Planck Institute of Quantum Optics	Poster Presenter	Registered
Browaeys, Antoine	Institut d'Optique, CNRS	Speaker	Registered
Burgers, Alex P	California Institute of Technology	Poster Presenter	Registered
Cabrera, Renan	Princeton University	Poster Presenter	Registered
Chang, Darrick	ICFO - The Institute of Photonic Sciences	Speaker	Registered
Chen, Edward H	Massachusetts Institute of Technology	Poster Presenter	Registered
Chien, Chihchun	University of California, Merced	Poster Presenter	Registered
Chong, Yonuk	Korea Research Institute of Standards and Science	Attendee	Registered
Cirac, Ignacio	Max Planck Institute of Quantum Optics	Speaker	Registered
Clemens, James P	Miami University	Poster Presenter	Registered
Cline, Julia	JILA, University of Colorado at Boulder	Poster Presenter	Registered
Cohen, Itsik	Hebrew University of Jerusalem	Poster Presenter	Registered
Cortese, John	Massachusetts Institute of Technology	Attendee	Registered
Coto, Raul	Pontificia Universidad Catolica de Chile	Poster Presenter	Registered
Covey, Jacob	JILA/NIST-University of Colorado-Boulder	Poster Presenter	Registered
Cox, Kevin C	JILA, University of Colorado at Boulder	Poster Presenter	Registered
Crocker, Clayton T	UMD, JQI	Poster Presenter	Registered
Curcic, Tatjana	AFOSR	Attendee	Registered
Dauphinais, Guillaume	Université de Sherbrooke	Poster Presenter	Registered
Davis, Emily J	Stanford University	Poster Presenter	Registered
De Greve, Kristiaan	Harvard University - Department of Physics	Poster Presenter	Registered
De Leon, Nathalie P	Princeton University	Attendee	Registered
Demler, Eugene	Harvard University	Speaker	Registered
Deng, Dong-Ling	Joint Quantum Institute, University of Maryland	Poster Presenter	Registered
Divincenzo, David P	RWTH Aachen University	Speaker	Registered

Dordevic, Tamara	Harvard University	Poster Presenter	Registered
Dwyer, Bo L	Harvard University	Poster Presenter	Registered
Eddins, Andrew W	University of California, Berkeley	Poster Presenter	Registered
Efetov, Dmitri K	MIT	Poster Presenter	Registered
Epstein, Ryan J	Northrop Grumman	Poster Presenter	Registered
Fedortchenko, Serguei	Université Paris Diderot	Poster Presenter	Registered
Felicetti, Simone	Laboratoire Matériaux et Phénomènes Quantiques	Poster Presenter	Registered
Ferlaino, Francesca	University of Innsbruck	Speaker	Registered
Ferri, Francesco	Laboratoire Kastler Brossel (ENS) - Paris	Poster Presenter	Registered
Finkelstein, Ran	Weizmann Institute of Science	Poster Presenter	Registered
Fisher, Matthew P. A	University of California, Santa Barbara	Speaker	Registered
Flick, Johannes	Max Planck Institute for Structure & Dynamics of Matter	Poster Presenter	Registered
Gerber, Justin	University of California - Berkeley Physics Department	Poster Presenter	Registered
Gieseler, Jan	Harvard University	Poster Presenter	Registered
Gillman, Edward	Imperial College London	Poster Presenter	Registered
Goldman, Michael L	Harvard University	Poster Presenter	Registered
Gong, Zhexuan	Joint Quantum Institute, University of Maryland	Poster Presenter	Registered
Gontijo Campos, Andre	Princeton University	Poster Presenter	Registered
Grau, Matthew	ETH Zürich	Poster Presenter	Registered
Greif, Daniel G	Harvard University	Attendee	Registered
Greiner, Markus	Harvard University	Speaker	Registered
Gross, Christian	Max Planck Institute of Quantum Optics	Speaker	Registered
Gujarati, Tanvi P	The University of Michigan	Poster Presenter	Registered
Gullans, Michael	National Institute of Standards and Technology	Poster Presenter	Registered
Hacquebard, Luke	McGill University	Poster Presenter	Registered
Haegeman, Jutho	Ghent University	Attendee	Registered
Hanson, Ronald	Delft University of Technology	Speaker	Registered
Harrington, Patrick M	Washington University	Attendee	Registered
Hastings, Matthew B	Microsoft	Speaker	Registered
Hood, Jonathan D	Caltech	Poster Presenter	Registered
Houck, Andrew	Princeton University	Vice Chair	Registered
Hu, Ming-Guang	Harvard University	Poster Presenter	Registered
Humphreys, Peter C	TU Delft	Poster Presenter	Registered
Hutson, Ross	JILA/University of Colorado at Boulder	Poster Presenter	Registered
Isaev, Leonid	JILA, University of Colorado Boulder	Poster Presenter	Registered
Janitz, Erika W	McGill University	Poster Presenter	Registered
Ji, Geoffrey	Harvard University	Poster Presenter	Registered
Johri, Sonika	Intel Labs, Intel Corporation	Poster Presenter	Registered
Ju, Jung Jin	Electronics and Telecommunication Research Institute	Attendee	Registered
Kalb, Norbert	Delft University of Technology	Poster Presenter	Registered
Kao, Wil	Stanford University	Poster Presenter	Registered

Karpov, Michael	Weizmann Institute of Science	Poster Presenter	Registered
Kasevich, Mark A	Stanford University	Speaker	Registered
Kim, Hwanmun	University of Maryland	Poster Presenter	Registered
Kim, Jin-Sung	Princeton University	Poster Presenter	Registered
Kimble, Jeff	California Institute of Technology	Speaker	Registered
Kinnunen, Jami J	Aalto University	Poster Presenter	Registered
Kirchmair, Gerhard	Institute for Quantum Optics and Quantum Information	Poster Presenter	Registered
Kleinbaum, Ethan	Princeton University	Attendee	Registered
Kollar, Alicia J	Stanford University	Poster Presenter	Registered
Kortan, Ahmet R	U.S. Department of Energy	Attendee	Registered
Kou, Angela	Yale University	Poster Presenter	Registered
Krastanov, Stefan	Yale University	Poster Presenter	Registered
Krayzman, Lev	Yale University	Poster Presenter	Registered
Kuznetsov, Andrej	University of Oslo	Poster Presenter	Registered
Landsman, Kevin A	University of Maryland-Joint Quantum Institute	Poster Presenter	Registered
Lehnert, Konrad W	JILA, University of Colorado Boulder	Speaker	Registered
Levine, Harry	Harvard University Physics Department	Poster Presenter	Registered
Li, Xiaopeng	Joint Quantum Institute, University of Maryland	Poster Presenter	Registered
Li, Zhaozhe	ICFO	Poster Presenter	Registered
Lin, Yiheng	JILA, University of Colorado Boulder	Speaker	Registered
Loh, Huanqian	Massachusetts Institute of Technology	Poster Presenter	Registered
Lukin, Mikhail	Harvard University	Speaker	Registered
Lyon, Stephen A	Princeton University	Poster Presenter	Registered
Magnan, Eric M	Joint Quantum Institute	Poster Presenter	Registered
Marcus, Charles M	Niels Bohr Institute, University of Copenhagen	Speaker	Registered
Marinelli, Matteo	ETH Zurich	Poster Presenter	Registered
Marti, George E	NIST, JILA, CU Boulder	Poster Presenter	Registered
Mathew, Ranchu	University of Maryland	Poster Presenter	Registered
Maurer, Peter	Stanford University	Poster Presenter	Registered
McGrew, William F	NIST	Poster Presenter	Registered
Mehta, Karan	Massachusetts Institute of Technology	Poster Presenter	Registered
Mesterhazy, David	University of Bern	Poster Presenter	Registered
Miyake, Akimasa	University of New Mexico	Poster Presenter	Registered
Morales, Andrea	ETH Zuerich	Poster Presenter	Registered
Moreno-Cardoner, Maria	a ICFO - The Institute of Photonic Sciences	Poster Presenter	Registered
Muniz, Juan A	California Institute of Technology	Poster Presenter	Registered
Muraleedharan, G	CQuIC, University of New Mexico	Poster Presenter	Registered
Murch, Kater W	Washington University	Poster Presenter	Registered
Murthy, Puneet A	University of Heidelberg	Poster Presenter	Registered
Musa, Mohamed O	Gulf University for Science and Technology	Poster Presenter	Registered
Narla, Anirudh	Yale University	Poster Presenter	Registered

Omar, Yasser Painter, Okkar California Institute of Technology Speaker Registered Peng, Lucas S California Institute of Technology Poster Presenter Registered Peng, Lucas S California Institute of Technology Poster Presenter Pepino, Ron PSC Perczel, Janos MIT-Harvard Center for Ultracold Atoms Poster Presenter Pfaff, Wolfgang Pichler, Hannes Harvard University Pichler, Hannes Pichler, Hannes Pick, Eugene University of Copenhagen Poster Presenter Registered Priss, Philipp M Heidelberg University Poster Presenter Registered Registered Registered Registered Registered Reiter, Florentin Harvard University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University of Colorado Richerme, Phil Indiana University Rejstered Robinson Robert Schittiko, Robert Schittiko, Robert Schwartz, Sylvain Schuck, Norbert Max Planck Institute of Quantum Optics Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Schwartz, Sylvain Maround Institute of Informations Tech Shahmoon, Ephraim Harvard University Poster Presenter Schocal Norbert Schwartz, Sylvain Schuck, Norbert Schwartz, Sylvain Schw	Nicholson, Travis L	MIT	Poster Presenter	Registered
Peaudecerf, Bruno M Peng, Lucas S California Institute of Technology Poster Presenter Pepino, Ron FSC Porczel, Janos MIT-Harvard Center for Ultracold Atoms Poster Presenter Priaff, Wolfgang Yale University Pichler, Hannes Harvard University Pichler, Hannes Harvard University Poster Presenter Polzik, Eugene Polzik, Eugene University of Copenhagen Poster Presenter Poster Presenter Poster Presenter Registered Prisss, Philipp M Heidelberg University Qi, Xiaodong CQulC, University of New Mexico Reiter, Florentin Harvard University Reize, David LIGO Laboratory, California Institute of Technology Recy, Ana Maria Jila, University of Colorado Richerme, Phil Indiana University Schietho, Norbert Schietho, Norbert Max Planck Institute of Quantum Optics Scheaker Registered Schwartz, Sylvain MIT-Harvard Center for Ultracold Atoms Attendee Registered Schwartz, Sylvain Matroal Institute of Science Senba, Kouichi National Institute of Infor & Communications Tech Shahmoon, Ephraim Harvard University Poster Presenter Registered Schach, Authony J Princeton University Poster Presenter Registered Schinth, Jacob Joint Quantum Institute, University of Maryland Poster Presenter Registered Schinth, Jacob Joint Quantum Institute, University of Poster Presenter Registered Schach, Soulchi Shahmoon, Ephraim Shankar, Athreya University of Colorado Boulder Shahmoon, Ephraim Schach, Authony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Solyom, Adrian O. W. Scincher Sonderhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Streed, Erik W Griffith University Poster Presenter Registered Sushkokev, Denis D Harvard University Poster Presenter Registered Sushkokev, Alexander Soushkov, Alexander Boston University Speaker Registered Registered Sushkov, Alexander Soushkov, Alexander Soushkov, Alexander Roman Institute of University Speaker Registered Regist	Omar, Yasser	Physics of Information and Quantum Technologies Gro	upPoster Presenter	Registered
Peng, Lucas S California Institute of Technology Pepino, Ron FSC Perczel, Janos MT-Harvard Center for Ultracold Atoms Poster Presenter Pfaff, Wolfgang Yale University Pichler, Hannes Harvard University Polzik, Eugene Priss, Philipp M Heidelberg University Ogl, Xiaodong CQulC, University of New Mexico Poster Presenter Registered Registered Reitze, David LIGO Laboratory, California Institute of Technology Reitze, David LIGO Laboratory, California Institute of Technology Reitze, David Lido Laboratory, California Institute of Technology Reitze, David Richerme, Phil Indiana University Poster Presenter Registered Rey, Ana Maria Jila, University of Colorado Vice Chair Registered Schoelkopf, Robert J Vale University Speaker Registered Schoelkopf, Robert J Vale University Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Shahmoon, Ephraim Harvard University Poster Presenter Schah, Kouichi National Institute of Science Poster Presenter Registered Shahkar, Athreya Shankar, Athreya University of Colorado Boulder Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Solyon, Adrian O. W. Gell University Sondcrhouse, Lindsay University Of Colorado Boulder Poster Presenter Registered Stagic, Jelena Science Attendee Registered Streed, Frik W Griffith University Poster Presenter Registered Streed, Frik W Griffith University Poster Presenter Registered Sundaresan, Necreja Poster Presenter Registered Registered Registered Registered Registered Sundaresan, Necreja Poster Presenter Registered Registered Registered Registered Registered Regis	Painter, Oskar	California Institute of Technology	Speaker	Registered
Pepino, Ron FSC Poster Presenter Registered Perczel, Janos MTT-Harvard Center for Ultracold Atoms Poster Presenter Registered Picher, Hannes Harvard University/TTAMP Speaker Registered Pichler, Hannes Harvard University (Topenhagen Speaker Registered Pick), Igor Harvard University (Topenhagen Speaker Registered Press, Philipp M Heidelberg University Poster Presenter Registered Press, Philipp M Heidelberg University Poster Presenter Registered Reiter, Florentin Harvard University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University Poster Presenter Registered Reiter, Phil Lindiana University Poster Presenter Registered Reiter, Phil Indiana University Poster Presenter Registered Reiter, Phil Indiana University Poster Presenter Registered Schittko, Robert Harvard University Poster Presenter Registered Schittko, Robert Max Planck Institute of Quantum Optics Speaker Registered Schuch, Norbert Max Planck Institute of Quantum Optics Speaker Registered Schuch, Norbert Max Planck Institute of Cultracold Atoms Attendee Registered Semba, Kouichi National Institute of Science Poster Presenter Registered Semba, Kouichi National Institute of Science Poster Presenter Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shahnar, Athreya University Poster Presenter Registered Shankar, Athreya University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Signon, David S Stonehill College Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigilities, Althopa University Poster Presenter Registered Sigilities, Poster Presenter Registered Sigilities, Poster Presenter Registered Sigilities, Poster Presenter Registered	Peaudecerf, Bruno M	University of Strathclyde	Poster Presenter	Registered
Perczel, Janos MIT-Harvard Center for Ultracold Atoms Poster Presenter Registered Plaff, Wolfgang Yale University Poster Presenter Registered Pikovski, Igor Harvard University Speaker Registered Pikovski, Igor Harvard University Speaker Registered Polzik, Eugene University of Copenhagen Speaker Registered Polzik, Eugene University of Copenhagen Poster Presenter Registered Qi, Xiaodong CQuIC, University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University of New Mexico Poster Presenter Registered Reize, David LIGO Laboratory, California Institute of Technology Speaker Registered Richerme, Phil Indiana University Poster Presenter Registered Richerme, Phil Indiana University Poster Presenter Registered Schoelkopf, Robert J Yale University Poster Presenter Registered Schoelkopf, Robert J War University Speaker Registered Schoelkopf, Robert Max Planck Institute of Quantum Optics Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Segev, Yair Weizmann Institute of Science Poster Presenter Registered Schman, Kouichi National Institute of Infor & Communications Tech Attendee Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shahmon, Ephraim University Poster Presenter Registered Shankar, Athreya University Poster Presenter Registered Shon, David S Stonchill College Poster Presenter Registered Solyom, Adrian O. W McGill University Poster Presenter Registered Solyom, Adrian O. W McGill University Poster Presenter Registered Streed, Erik W Griffith University Poster Presenter Registered Streed, Erik W Griffith University Poster Presenter Registered Streed, Erik W Griffith University Poster Presenter Registered Sundacean, Necerja Science Attendee Registered Sundacean, Necerja Stanford University Poster Presenter Registered Sundacean, Necerja Princeton University Poster Presenter Registered Sundacean, Necerja Penater Registered Sundacean, Necerja Penater Registered Sundacean, Necerja Science Attendee Registered Sundacean, Necer	Peng, Lucas S	California Institute of Technology	Poster Presenter	Registered
Priaff, Wolfgang Yale University Pichler, Hannes Harvard University/TTAMP Speaker Registered Pikovski, Igor Harvard University Polzik, Eugene University of Copenhagen Speaker Registered Polzik, Eugene University of Copenhagen Speaker Registered Preiss, Philipp M Heidelberg University Poster Presenter Registered Qi, Xiaodong CQulC, University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University Reiter, Florentin Harvard University Reiter, Poward Jila, University of Colorado Vice Chair Registered Reiter, Phil Indiana University Poster Presenter Registered Richerme, Phil Indiana University Poster Presenter Registered Schittko, Robert Harvard University Poster Presenter Registered Schockhopf, Robert J Yale University Speaker Registered Schockhopf, Robert Max Planck Institute of Quantum Optics Speaker Registered Schouch, Norbert Max Planck Institute of Quantum Optics Speaker Registered Sceyev, Yair Weizmann Institute of Science Poster Presenter Registered Semba, Kouichi National Institute of Infor & Communications Tech Attendee Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shankar, Athreya University of Colorado Boulder Poster Presenter Registered Shankar, Athreya University Princeton University Poster Presenter Registered Shankar, Athroya J Princeton University Poster Presenter Registered Shankar, Althroya J Princeton University Poster Presenter Registered Shankar, Althroya J Princeton University Poster Presenter Registered Sholyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Streed, Erik W Griffith University Poster Presenter Registered Streed, Erik W Griffith University Poster Presenter Registered Sundaresan, Neereja Stanford University Speaker Registered Sundaresan, Neereja Stanford University Speaker Registered Sunshov, Alexander Boston University Speaker Registered Sunshov, Alexander Boston University Speaker	Pepino, Ron	FSC	Poster Presenter	Registered
Pichler, Hannes Harvard University/TAMP Speaker Registered Pikovski, Igor Harvard University Speaker Registered Polzik, Eugene University of Copenhagen Speaker Registered Preiss, Philipp M Heidelberg University Poster Presenter Registered Qi, Xiaodong CQuIC, University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University Poster Presenter Registered Reiter, David LIGO Laboratory, California Institute of Technology Speaker Registered Rey, Ana Maria Jila, University of Colorado Vice Chair Registered Rey, Ana Maria Jila, University Poster Presenter Registered Rey, Ana Maria Jila, University Poster Presenter Registered Schittko, Robert Harvard University Poster Presenter Registered Schittko, Robert J Yale University Speaker Registered Schoelkopf, Robert J Yale University Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Segev, Yair Weizmann Institute of Science Poster Presenter Registered Semba, Kouichi National Institute of Infor & Communications Tech Attendee Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shen, Chao Yale University Poster Presenter Registered Shen, Chao Yale University Poster Presenter Registered Shen, Chao Yale University Poster Presenter Registered Signilito, Anthony J Princeton University Poster Presenter Registered Signilito, Anthony J Princeton University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Streed, Erik W Griffith University Poster Presenter Registered Streed, Erik W Griffith University Poster Presenter Registered Sukakov, Denis D Harvard University Poster Presenter Registered Sukakov, Denis D Harvard University Poster Presenter Registered Subakov, Alexander Boston University Speaker Registered Subakov, Alexander Boston University Speaker Registered Subskov, Alexander Boston University Speaker Registered Sushkov, Alexander Boston University Speaker Registered Sundaces	Perczel, Janos	MIT-Harvard Center for Ultracold Atoms	Poster Presenter	Registered
Pikovski, Igor Harvard University Speaker Registered Polzik, Eugene University of Copenhagen Speaker Registered Preiss, Philipp M Heidelberg University of New Mexico Poster Presenter Registered Qi, Xiaodong CQuIC, University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University Poster Presenter Registered Reitze, David LIGO Laboratory, California Institute of Technology Speaker Registered Rey, Ana Maria Jila, University Poster Presenter Registered Schittko, Robert Indiana University Poster Presenter Registered Schittko, Robert Harvard University Poster Presenter Registered Schittko, Robert Harvard University Poster Presenter Registered Schoelkopf, Robert J Yale University Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Segev, Yair Weizmann Institute of Science Poster Presenter Registered Semba, Kouichi National Institute of Infor & Communications Tech Attendee Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shahnkar, Athreya University of Colorado Boulder Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Simon, David S Stonehill College Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Stajic, Jelena Science Attendee Registered Stajic, Jelena Science Attendee Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sukachev, Alexander Boston University Poster Presenter Registered Sukachev, Alexander Boston University Speaker Registered Registered Sundaresan, Neereja Princeton University Speaker Registered Registered Sundaresan, Neereja Princeton University Speaker Registered Sundaresan Registered Benjamin Lev Lab, Stanford University Sp	Pfaff, Wolfgang	Yale University	Poster Presenter	Registered
Polzik, Eugene University of Copenhagen Speaker Registered Preiss, Philipp M Heidelberg University Poster Presenter Registered Qi, Xiaodong CQuIC, University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University Poster Presenter Registered Reiter, David LIGO Laboratory, California Institute of Technology Speaker Registered Rey, Ana Maria Jila, University of Colorado Vice Chair Registered Richerme, Phil Indiana University Poster Presenter Registered Schittko, Robert Harvard University Poster Presenter Registered Schoelkopf, Robert J Yale University Speaker Registered Schoelkopf, Robert J Wale University Speaker Registered Schoelkopf, Robert Max Planck Institute of Quantum Optics Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Segev, Yair Weizmann Institute of Science Poster Presenter Registered Segev, Yair Weizmann Institute of Infor & Communications Tech Attendee Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shankar, Athreya University of Colorado Boulder Poster Presenter Registered Shankar, Athreya University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Simon, David S Stonehill College Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Stajic, Jelena Science Attendee Attendee Registered Stajic, Jelena Science Attendee Registered Stajic, Jelena Science Attendee Registered Sundarchouse, Lindsay University Poster Presenter Registered Sundarchouse, Lindsay Princeton University Poster Presenter Registered Sundarcsan, Necreja Princeton University Poster Presenter Registered Sundarcsan, Necreja Princeton University Poster Presenter Registered Sundarcsan, Necreja Princeton University Speaker Registered Registered Sundarcsan, Necreja Princeton University Speaker Registered Registered Su	Pichler, Hannes	Harvard University/ITAMP	Speaker	Registered
Preiss, Philipp M Heidelberg University Poster Presenter Registered Qi, Xiaodong CQuIC, University of New Mexico Poster Presenter Registered Reiter, Florentin Harvard University Poster Presenter Registered Rey, Ana Maria Jila, University of Colorado Vice Chair Registered Rey, Ana Maria Jila, University of Colorado Vice Chair Registered Rey, Ana Maria Jila, University Poster Presenter Registered Schittko, Robert Harvard University Poster Presenter Registered Schoelkopf, Robert J Yale University Speaker Registered Schoelkopf, Robert J Wale University Speaker Registered Schuttko, Norbert Max Planck Institute of Quantum Optics Speaker Registered Schwartz, Sylvain MiT - Harvard Center for Ultracold Atoms Attendee Registered Segev, Yair Weizmann Institute of Science Poster Presenter Registered Schahmoon, Ephraim Harvard University Poster Presenter Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shankar, Athreya University Of Colorado Boulder Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Simon, David S Stonehill College Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sudachev, Denis D Harvard University Poster Presenter Registered Sudachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Speaker Registered Registered Sundaresan, Neereja Princeton University Speaker Registered Registered Sundaresan, Neereja Princeton University Speaker Registered Re	Pikovski, Igor	Harvard University	Speaker	Registered
Qi, XiaodongCQuIC, University of New MexicoPoster PresenterRegisteredReiter, FlorentinHarvard UniversityPoster PresenterRegisteredReitze, DavidLIGO Laboratory, California Institute of TechnologySpeakerRegisteredRey, Ana MariaJila, University of ColoradoVice ChairRegisteredRicherme, PhilIndiana UniversityPoster PresenterRegisteredSchittko, RobertHarvard UniversityPoster PresenterRegisteredSchoelkopf, Robert JYale UniversitySpeakerRegisteredSchuch, NorbertMax Planck Institute of Quantum OpticsSpeakerRegisteredSchwartz, SylvainMIT - Harvard Center for Ultracold AtomsAttendeeRegisteredSegev, YairWeizmann Institute of SciencePoster PresenterRegisteredSemba, KouichiNational Institute of Infor & Communications TechAttendeeRegisteredShankar, AthreyaUniversityPoster PresenterRegisteredShen, ChaoYale UniversityPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSolyom, Adrian O. W.McGill UniversityPoster PresenterRegisteredSon, WomminSogang UniversityPoster PresenterRegisteredSonderhouse, LindsayUniversity of Colorado at BoulderPoster PresenterRegisteredStreed, Erik WGriffith Uni	Polzik, Eugene	University of Copenhagen	Speaker	Registered
Reiter, FlorentinHarvard UniversityPoster PresenterRegisteredReitze, DavidLIGO Laboratory, California Institute of TechnologySpeakerRegisteredRey, Ana MariaJila, University of ColoradoVice ChairRegisteredRicherme, PhilIndiana UniversityPoster PresenterRegisteredSchittko, RobertHarvard UniversityPoster PresenterRegisteredSchoelkopf, Robert JYale UniversitySpeakerRegisteredSchuch, NorbertMax Planck Institute of Quantum OpticsSpeakerRegisteredSchwartz, SylvainMTT - Harvard Center for Ultracold AtomsAttendeeRegisteredSegev, YairWeizmann Institute of SciencePoster PresenterRegisteredSemba, KouichiNational Institute of Infor & Communications TechAttendeeRegisteredShankar, AthreyaUniversityPoster PresenterRegisteredShen, ChaoYale UniversityPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSon, WonminSogang UniversityPoster PresenterRegisteredSonderhouse, LindsayUniversity of Colorado at BoulderPoster PresenterRegisteredStajic, JelenaScienceAttendeeRegisteredStreed, Erik WGriffith University<	Preiss, Philipp M	Heidelberg University	Poster Presenter	Registered
Reitze, DavidLIGO Laboratory, California Institute of TechnologySpeakerRegisteredRey, Ana MariaJila, University of ColoradoVice ChairRegisteredRicherme, PhilIndiana UniversityPoster PresenterRegisteredSchittko, RobertHarvard UniversityPoster PresenterRegisteredSchoelkopf, Robert JYale UniversitySpeakerRegisteredSchuch, NorbertMax Planck Institute of Quantum OpticsSpeakerRegisteredSchwartz, SylvainMIT - Harvard Center for Ultracold AtomsAttendeeRegisteredSegev, YairWeizmann Institute of SciencePoster PresenterRegisteredSemba, KouichiNational Institute of Infor & Communications TechAttendeeRegisteredShahmoon, EphraimHarvard UniversityPoster PresenterRegisteredShen, ChaoYale University of Colorado BoulderPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSimon, David SStonehill CollegePoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSon, WonminSogang UniversityPoster PresenterRegisteredSon, WonminSogang UniversityPoster PresenterRegisteredStreed, Erik WGriffith UniversityPoster PresenterRegisteredSukachev, Denis DHarvard UniversityPoster PresenterRegisteredSundaresan, NeerejaPrinceton Universit	Qi, Xiaodong	CQuIC, University of New Mexico	Poster Presenter	Registered
Rey, Ana MariaJila, University of ColoradoVice ChairRegisteredRicherme, PhilIndiana UniversityPoster PresenterRegisteredSchittko, RobertHarvard UniversityPoster PresenterRegisteredSchoelkopf, Robert JYale UniversitySpeakerRegisteredSchuch, NorbertMax Planck Institute of Quantum OpticsSpeakerRegisteredSchwartz, SylvainMIT - Harvard Center for Ultracold AtomsAttendeeRegisteredSegev, YairWeizmann Institute of SciencePoster PresenterRegisteredSemba, KouichiNational Institute of Infor & Communications TechAttendeeRegisteredShahmoon, EphraimHarvard UniversityPoster PresenterRegisteredShen, ChaoYale University of Colorado BoulderPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSimon, David SStonehill CollegePoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSolyom, Adrian O. W.McGill UniversityPoster PresenterRegisteredSon, WonminSogang UniversityPoster PresenterRegisteredStajic, JelenaScienceAttendeeRegisteredStreed, Erik WGriffith UniversityPoster PresenterRegisteredSukachev, Denis DHarvard UniversityPoster PresenterRegisteredSundaresan, NeerejaPrinceton UniversityPoster Presenter <t< td=""><td>Reiter, Florentin</td><td>Harvard University</td><td>Poster Presenter</td><td>Registered</td></t<>	Reiter, Florentin	Harvard University	Poster Presenter	Registered
Richerme, Phil Indiana University Poster Presenter Registered Schittko, Robert Harvard University Poster Presenter Registered Schoelkopf, Robert J Yale University Speaker Registered Schuch, Norbert Max Planck Institute of Quantum Optics Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Segev, Yair Weizmann Institute of Science Poster Presenter Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shahmoon, Taken University of Colorado Boulder Poster Presenter Registered Shen, Chao Yale University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Simon, David S Stonehill College Poster Presenter Registered Solyom, Adrian O. W. McGill University of Maryland Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Songherhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sushkov, Alexander Boston University Sushkor, Alexander Boston University Speaker Registered Swingle, Brian Stanford University Speaker Registered Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Speaker Registered Re	Reitze, David	LIGO Laboratory, California Institute of Technology	Speaker	Registered
Schittko, Robert J Yale University Speaker Registered Schoelkopf, Robert J Yale University Speaker Registered Schuch, Norbert Max Planck Institute of Quantum Optics Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Segev, Yair Weizmann Institute of Science Poster Presenter Registered Semba, Kouichi National Institute of Infor & Communications Tech Attendee Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shankar, Athreya University of Colorado Boulder Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Signon, David S Stonehill College Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Sonderhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sushkov, Alexander Boston University Speaker Registered Sushkov, Alexander Boston University Speaker Registered Register	Rey, Ana Maria	Jila, University of Colorado	Vice Chair	Registered
Schoelkopf, Robert J Yale University Speaker Registered Schuch, Norbert Max Planck Institute of Quantum Optics Speaker Registered Schwartz, Sylvain MIT - Harvard Center for Ultracold Atoms Attendee Registered Segev, Yair Weizmann Institute of Science Poster Presenter Registered Semba, Kouichi National Institute of Infor & Communications Tech Attendee Registered Shahmoon, Ephraim Harvard University Poster Presenter Registered Shankar, Athreya University of Colorado Boulder Poster Presenter Registered Shen, Chao Yale University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Solyom, Adrian O. W. McGill University of Maryland Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Sonderhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sundaresan, Neereja Princeton University Princeton University Poster Presenter Registered Sundaresan, Neereja Princeton University Speaker Registered Swingle, Brian Stanford University Speaker Registered R	Richerme, Phil	Indiana University	Poster Presenter	Registered
Schuch, NorbertMax Planck Institute of Quantum OpticsSpeakerRegisteredSchwartz, SylvainMIT - Harvard Center for Ultracold AtomsAttendeeRegisteredSegev, YairWeizmann Institute of SciencePoster PresenterRegisteredSemba, KouichiNational Institute of Infor & Communications TechAttendeeRegisteredShahmoon, EphraimHarvard UniversityPoster PresenterRegisteredShankar, AthreyaUniversity of Colorado BoulderPoster PresenterRegisteredShen, ChaoYale UniversityPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSimon, David SStonehill CollegePoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSolyom, Adrian O. W.McGill UniversityPoster PresenterRegisteredSon, WonminSogang UniversityPoster PresenterRegisteredSonderhouse, LindsayUniversity of Colorado at BoulderPoster PresenterRegisteredStajic, JelenaScienceAttendeeRegisteredStreed, Erik WGriffith UniversityPoster PresenterRegisteredSukachev, Denis DHarvard UniversityPoster PresenterRegisteredSushkov, AlexanderBoston UniversityPoster PresenterRegisteredSwingle, BrianStanford UniversitySpeakerRegisteredTerhal, BarbaraRWTH Aachen UniversitySpeaker <td< td=""><td>Schittko, Robert</td><td>Harvard University</td><td>Poster Presenter</td><td>Registered</td></td<>	Schittko, Robert	Harvard University	Poster Presenter	Registered
Schwartz, SylvainMIT - Harvard Center for Ultracold AtomsAttendeeRegisteredSegev, YairWeizmann Institute of SciencePoster PresenterRegisteredSemba, KouichiNational Institute of Infor & Communications TechAttendeeRegisteredShahmoon, EphraimHarvard UniversityPoster PresenterRegisteredShankar, AthreyaUniversity of Colorado BoulderPoster PresenterRegisteredShen, ChaoYale UniversityPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSimon, David SStonehill CollegePoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSolyom, Adrian O. W.McGill UniversityPoster PresenterRegisteredSon, WonminSogang UniversityPoster PresenterRegisteredSonderhouse, LindsayUniversity of Colorado at BoulderPoster PresenterRegisteredStajic, JelenaScienceAttendeeRegisteredStreed, Erik WGriffith UniversityPoster PresenterRegisteredSukachev, Denis DHarvard UniversityPoster PresenterRegisteredSundaresan, NeerejaPrinceton UniversityPoster PresenterRegisteredSwingle, BrianStanford UniversitySpeakerRegisteredTaylor, StephenBenjamin Lev Lab, Stanford UniversityPoster PresenterRegisteredTerhal, BarbaraRWTH Aachen UniversitySpe	Schoelkopf, Robert J	Yale University	Speaker	Registered
Segev, YairWeizmann Institute of SciencePoster PresenterRegisteredSemba, KouichiNational Institute of Infor & Communications TechAttendeeRegisteredShahmoon, EphraimHarvard UniversityPoster PresenterRegisteredShankar, AthreyaUniversity of Colorado BoulderPoster PresenterRegisteredShen, ChaoYale UniversityPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSimon, David SStonehill CollegePoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSolyom, Adrian O. W.McGill UniversityPoster PresenterRegisteredSon, WonminSogang UniversityPoster PresenterRegisteredSonderhouse, LindsayUniversity of Colorado at BoulderPoster PresenterRegisteredStajic, JelenaScienceAttendeeRegisteredStreed, Erik WGriffith UniversityPoster PresenterRegisteredSukachev, Denis DHarvard UniversityPoster PresenterRegisteredSundaresan, NeerejaPrinceton UniversityPoster PresenterRegisteredSushkov, AlexanderBoston UniversitySpeakerRegisteredSwingle, BrianStanford UniversitySpeakerRegisteredTaylor, StephenBenjamin Lev Lab, Stanford UniversityPoster PresenterRegistered	Schuch, Norbert	Max Planck Institute of Quantum Optics	Speaker	Registered
Semba, KouichiNational Institute of Infor & Communications TechAttendeeRegisteredShahmoon, EphraimHarvard UniversityPoster PresenterRegisteredShankar, AthreyaUniversity of Colorado BoulderPoster PresenterRegisteredShen, ChaoYale UniversityPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSimon, David SStonehill CollegePoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSolyom, Adrian O. W.McGill UniversityPoster PresenterRegisteredSon, WonminSogang UniversityPoster PresenterRegisteredSonderhouse, LindsayUniversity of Colorado at BoulderPoster PresenterRegisteredStajic, JelenaScienceAttendeeRegisteredStreed, Erik WGriffith UniversityPoster PresenterRegisteredSukachev, Denis DHarvard UniversityPoster PresenterRegisteredSundaresan, NeerejaPrinceton UniversityPoster PresenterRegisteredSushkov, AlexanderBoston UniversitySpeakerRegisteredSwingle, BrianStanford UniversitySpeakerRegisteredTaylor, StephenBenjamin Lev Lab, Stanford UniversitySpeakerRegistered	Schwartz, Sylvain	MIT - Harvard Center for Ultracold Atoms	Attendee	Registered
Shahmoon, EphraimHarvard UniversityPoster PresenterRegisteredShankar, AthreyaUniversity of Colorado BoulderPoster PresenterRegisteredShen, ChaoYale UniversityPoster PresenterRegisteredSigillito, Anthony JPrinceton UniversityPoster PresenterRegisteredSimon, David SStonehill CollegePoster PresenterRegisteredSmith, JacobJoint Quantum Institute, University of MarylandPoster PresenterRegisteredSolyom, Adrian O. W.McGill UniversityPoster PresenterRegisteredSonderhouse, LindsayUniversity of Colorado at BoulderPoster PresenterRegisteredStajic, JelenaScienceAttendeeRegisteredStreed, Erik WGriffith UniversityPoster PresenterRegisteredSukachev, Denis DHarvard UniversityPoster PresenterRegisteredSundaresan, NeerejaPrinceton UniversityPoster PresenterRegisteredSushkov, AlexanderBoston UniversityAttendeeRegisteredSwingle, BrianStanford UniversitySpeakerRegisteredTaylor, StephenBenjamin Lev Lab, Stanford UniversityPoster PresenterRegisteredTerhal, BarbaraRWTH Aachen UniversitySpeakerRegistered	Segev, Yair	Weizmann Institute of Science	Poster Presenter	Registered
Shankar, Athreya University of Colorado Boulder Poster Presenter Registered Shen, Chao Yale University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Simon, David S Stonehill College Poster Presenter Registered Smith, Jacob Joint Quantum Institute, University of Maryland Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Son, Wonmin Sogang University Poster Presenter Registered Sonderhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Speaker Registered Registe	Semba, Kouichi	National Institute of Infor & Communications Tech	Attendee	Registered
Shen, Chao Yale University Poster Presenter Registered Sigillito, Anthony J Princeton University Poster Presenter Registered Simon, David S Stonehill College Poster Presenter Registered Smith, Jacob Joint Quantum Institute, University of Maryland Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Son, Wonmin Sogang University Poster Presenter Registered Sonderhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Register	Shahmoon, Ephraim	Harvard University	Poster Presenter	Registered
Sigillito, Anthony J Princeton University Poster Presenter Registered Simon, David S Stonehill College Poster Presenter Registered Smith, Jacob Joint Quantum Institute, University of Maryland Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Son, Wonmin Sogang University Poster Presenter Registered Sonderhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Register	Shankar, Athreya	University of Colorado Boulder	Poster Presenter	Registered
Simon, David S Stonehill College Smith, Jacob Joint Quantum Institute, University of Maryland Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Son, Wonmin Sogang University Poster Presenter Registered Sonderhouse, Lindsay University of Colorado at Boulder Stajic, Jelena Science Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Speaker Registered	Shen, Chao	Yale University	Poster Presenter	Registered
Smith, Jacob Joint Quantum Institute, University of Maryland Poster Presenter Registered Solyom, Adrian O. W. McGill University Poster Presenter Registered Son, Wonmin Sogang University Poster Presenter Registered Sonderhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Registe	Sigillito, Anthony J	Princeton University	Poster Presenter	Registered
Solyom, Adrian O. W. McGill University  Son, Wonmin  Sogang University  Poster Presenter  Registered  Sonderhouse, Lindsay  University of Colorado at Boulder  Stajic, Jelena  Science  Attendee  Registered  Streed, Erik W  Griffith University  Poster Presenter  Registered  Sukachev, Denis D  Harvard University  Poster Presenter  Registered  Sundaresan, Neereja  Princeton University  Poster Presenter  Registered  Sushkov, Alexander  Boston University  Attendee  Registered  Swingle, Brian  Stanford University  Speaker  Registered  Taylor, Stephen  Benjamin Lev Lab, Stanford University  Poster Presenter  Registered  Speaker  Registered  Registered	Simon, David S	Stonehill College	Poster Presenter	Registered
Son, Wonmin Sogang University Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Regi	Smith, Jacob	Joint Quantum Institute, University of Maryland	Poster Presenter	Registered
Sonderhouse, Lindsay University of Colorado at Boulder Poster Presenter Registered Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered R	Solyom, Adrian O. W.	McGill University	Poster Presenter	Registered
Stajic, Jelena Science Attendee Registered Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Terhal, Barbara RWTH Aachen University Speaker Registered	Son, Wonmin	Sogang University	Poster Presenter	Registered
Streed, Erik W Griffith University Poster Presenter Registered Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Terhal, Barbara RWTH Aachen University Speaker Registered	Sonderhouse, Lindsay	University of Colorado at Boulder	Poster Presenter	Registered
Sukachev, Denis D Harvard University Poster Presenter Registered Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Terhal, Barbara RWTH Aachen University Speaker Registered	Stajic, Jelena	Science	Attendee	Registered
Sundaresan, Neereja Princeton University Poster Presenter Registered Sushkov, Alexander Boston University Attendee Registered Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Terhal, Barbara RWTH Aachen University Speaker Registered	Streed, Erik W	Griffith University	Poster Presenter	Registered
Sushkov, AlexanderBoston UniversityAttendeeRegisteredSwingle, BrianStanford UniversitySpeakerRegisteredTaylor, StephenBenjamin Lev Lab, Stanford UniversityPoster PresenterRegisteredTerhal, BarbaraRWTH Aachen UniversitySpeakerRegistered	Sukachev, Denis D	Harvard University	Poster Presenter	Registered
Swingle, Brian Stanford University Speaker Registered Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Terhal, Barbara RWTH Aachen University Speaker Registered	Sundaresan, Neereja	Princeton University	Poster Presenter	Registered
Taylor, Stephen Benjamin Lev Lab, Stanford University Poster Presenter Registered Terhal, Barbara RWTH Aachen University Speaker Registered	Sushkov, Alexander	Boston University	Attendee	Registered
Terhal, Barbara RWTH Aachen University Speaker Registered	Swingle, Brian	Stanford University	Speaker	Registered
	Taylor, Stephen	Benjamin Lev Lab, Stanford University	Poster Presenter	Registered
Thompson, Jeff Princeton University Attendee Registered	Terhal, Barbara	RWTH Aachen University	Speaker	Registered
	Thompson, Jeff	Princeton University	Attendee	Registered

Tokunaga, Yuuki	NTT Labs.	Poster Presenter	Registered
Tse, Maggie	MIT - LIGO Lab	Poster Presenter	Registered
Urbach, Elana K	Harvard University	Poster Presenter	Registered
Venkatramani, Aditya V	Harvard University	Attendee	Registered
Verstraete, Frank	University of Vienna	Chair	Registered
Vijay, Sagar	Massachusetts Institute of Technology	Poster Presenter	Registered
Villar, Alessandro S	American Physical Society	Attendee	Registered
Vool, Uri	Yale University	Poster Presenter	Registered
Vuletic, Vladan	Massachusetts Institute of Technology	Speaker	Registered
Walsworth, Ronald L	Harvard University	Attendee	Registered
Wan, Yong	National Institute of Standards and Technology	Poster Presenter	Registered
Wang, Xin	City University of Hong Kong	Poster Presenter	Registered
Wang, Dongsheng	University of British Columbia	Poster Presenter	Registered
Welte, Stephan	Max Planck Institute of Quantum Optics	Poster Presenter	Registered
Wilson, Andrew	NIST	Poster Presenter	Registered
Witmer, Jeremy D	Stanford University	Attendee	Registered
Wong-Campos, David	University of Maryland, Joint Quantum Institute	Poster Presenter	Registered
Wu, Hao	JILA, University of Colorado / NIST	Poster Presenter	Registered
Wu, Yewei	University of Colorado Boulder	Poster Presenter	Registered
Wunderlich, Christof	University of Siegen	Poster Presenter	Registered
Xu, Wenchao	University of Illinois at Urbana-Champaign	Poster Presenter	Registered
Ye, Jun	JILA, University of Colorado Boulder	Chair	Registered
Yelin, Susanne	University of Connecticut	Poster Presenter	Registered
Yu, Leo	Stanford University	Poster Presenter	Registered
Yuan, Haidong	Chinese University of Hong Kong	Poster Presenter	Registered
Zhang, Gengyan	Princeton University	Poster Presenter	Registered
Zhang, Yaxing	Yale University Physics	Poster Presenter	Registered
Zhdanov, Dmitry V	Northwestern University	Poster Presenter	Registered
Zhu, Bihui	JILA	Poster Presenter	Registered
Zhu, Guanyu	Joint Quantum Institute, University of Maryland	Poster Presenter	Registered
Zou, Chang-Ling	Yale University	Poster Presenter	Registered

Quantum Science GRS – Registration List
---

Quantum Science GRS	- Registration List		
Name	Organization	Participation	Status
Bhaskar, Mihir K	Harvard University	Poster Presenter	Registered
Bondar, Denys I	Princeton University	Poster Presenter	Registered
Bordia, Pranjal	Ludwig Maximilian University of Munich	Speaker	Registered
Brekenfeld, Manuel	Max Planck Institute of Quantum Optics	Poster Presenter	Registered
Chen, Edward H	Massachusetts Institute of Technology	Poster Presenter	Registered
Cline, Julia	JILA, University of Colorado at Boulder	Poster Presenter	Registered
Cohen, Itsik	Hebrew University of Jerusalem	Speaker	Registered
Covey, Jacob	JILA/NIST-University of Colorado-Boulder	Chair	Registered
Dauphinais, Guillaume	Université de Sherbrooke	Speaker	Registered
Davis, Emily J	Stanford University	Poster Presenter	Registered
Demler, Eugene	Harvard University	Speaker	Registered
Deng, Dong-Ling	Joint Quantum Institute, University of Maryland	Discussion Leader	Registered
Efetov, Dmitri K	MIT	Poster Presenter	Registered
Fedortchenko, Serguei	Université Paris Diderot	Poster Presenter	Registered
Felicetti, Simone	Laboratoire Matériaux et Phénomènes Quantiques	Poster Presenter	Registered
Ferri, Francesco	Laboratoire Kastler Brossel (ENS) - Paris	Poster Presenter	Registered
Gillman, Edward	Imperial College London	Poster Presenter	Registered
Goldman, Michael L	Harvard University	Discussion Leader	Registered
Gong, Zhexuan	Joint Quantum Institute, University of Maryland	Speaker	Registered
Grau, Matthew	ETH Zürich	Poster Presenter	Registered
Hacquebard, Luke	McGill University	Poster Presenter	Registered
Haegeman, Jutho	Ghent University	Chair	Registered
Harrington, Patrick M	Washington University	Poster Presenter	Registered
Hsieh, Timothy H	Kavli Institute for Theoretical Physics	Speaker	Registered
Humphreys, Peter C	TU Delft	Poster Presenter	Registered
Jamadagni, Amit G	Birla Institute of Technology and Science, Pilani	Poster Presenter	Registered
Janitz, Erika W	McGill University	Poster Presenter	Registered
Ji, Geoffrey	Harvard University	Poster Presenter	Registered
Johri, Sonika	Intel Labs, Intel Corporation	Poster Presenter	Registered
Levine, Harry	Harvard University Physics Department	Poster Presenter	Registered
Li, Zhaozhe	ICFO	Poster Presenter	Registered
Li, Xiaopeng	Joint Quantum Institute, University of Maryland	Discussion Leader	Registered
Loh, Huanqian	Massachusetts Institute of Technology	Speaker	Registered
Magnan, Eric M	Joint Quantum Institute	Poster Presenter	Registered
Marinelli, Matteo	ETH Zurich	Poster Presenter	Registered
McGrew, William F	NIST	Poster Presenter	Registered
Mehta, Karan	Massachusetts Institute of Technology	Poster Presenter	Registered
Mesterhazy, David	University of Bern	Poster Presenter	Registered
Moreno-Cardoner, Maria	a ICFO - The Institute of Photonic Sciences	Speaker	Registered

Muraleedharan, G	CQuIC, University of New Mexico	Poster Presenter	Registered
Murthy, Puneet A	University of Heidelberg	Discussion Leader	Registered
Peaudecerf, Bruno M	University of Strathclyde	Poster Presenter	Registered
Preiss, Philipp	Heidelberg University	Speaker	Registered
Qi, Xiaodong	CQuIC, University of New Mexico	Poster Presenter	Registered
Reiter, Florentin	Harvard University	Poster Presenter	Registered
Schittko, Robert	Harvard University	Poster Presenter	Registered
Shankar, Athreya	University of Colorado Boulder	Poster Presenter	Registered
Smith, Jacob	Joint Quantum Institute, University of Maryland	Speaker	Registered
Solyom, Adrian O. W.	McGill University	Poster Presenter	Registered
Sukachev, Denis D	Harvard University	Poster Presenter	Registered
Tse, Maggie	MIT - LIGO Lab	Poster Presenter	Registered
Venkatramani, Aditya V	Harvard University	Poster Presenter	Registered
Vijay, Sagar	Massachusetts Institute of Technology	Speaker	Registered
Welte, Stephan	Max Planck Institute of Quantum Optics	Poster Presenter	Registered
Yu, Leo	Stanford University	Poster Presenter	Registered
Zhang, Yaxing	Yale University Physics	Poster Presenter	Registered