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EDUCATION	<b>Massachusetts Institute of Technology</b> (Cambridge, Massachusetts) Ph.D., Physics Thesis: <i>Cavity-Enabled Spin Squeezing for a Quantum-Enhanced Atomic Clock</i>	2005 - 2011
	<b>Harvard University</b> (Cambridge, Massachusetts) A.B., <i>magna cum laude</i> with highest honors in Chemistry and Physics and Mathematics	2001 - 2005
EMPLOYMENT	<b>Stanford University</b> (Stanford, California) Associate Professor <i>Nina C. Crocker Faculty Scholar in the School of Humanities &amp; Sciences</i>	September, 2019 -
	<b>Stanford University</b> (Stanford, California) Assistant Professor	September, 2013 - August, 2019
	<b>Max Planck Institute of Quantum Optics &amp; Ludwig Maximilian University</b> (Munich, Germany) Postdoctoral Fellow	June, 2011 - August, 2013
HONORS & AWARDS	American Physical Society (APS) Fellowship I. I. Rabi Prize in Atomic, Molecular, and Optical Physics MacArthur Foundation Fellowship President's Early Career Award for Scientists and Engineers (PECASE) <i>Science News SN10: Scientists to Watch</i> National Science Foundation Career Award Research Corporation Cottrell Scholar Award Hellman Faculty Scholar Award Alfred P. Sloan Research Fellowship Air Force Office of Scientific Research (AFOSR) Young Investigator Award Hertz Doctoral Thesis Prize Fannie and John Hertz Foundation Fellowship National Science Foundation Graduate Research Fellowship Phi Beta Kappa	2021 2021 2020 2019 2019 2018 2017 2015 2014 2014 2011 2005 - 2010 2005 - 2010 2005
TEACHING AT STANFORD	<b>Applied Physics 203</b> (Graduate) <i>Atoms, Fields, and Photons</i>	Autumn 2019-21
	<b>Physics 14N</b> (Undergraduate) <i>Quantum Information: Visions and Emerging Technologies</i>	Spring 2018, '20; Winter '21

<b>Physics 170</b> (Undergraduate) <i>Statistical Mechanics and Thermodynamics</i>	Autumn 2015-17
<b>Physics 107</b> (Undergraduate) <i>Intermediate Physics Laboratory II: Experimental Techniques and Data Analysis</i>	Winter 2014-16
<b>Physics 190</b> (Undergraduate) <i>Independent Research and Study</i>	Autumn 2014 - present
<b>Physics 290</b> (Graduate) <i>Research Activities at Stanford</i>	Autumn 2014

PROFESSIONAL  
SERVICE

**Service to Journals**

Editorial board member: *PRX Quantum*

Reviewer for journals: *Physical Review Letters, Physical Review A, Physical Review X, Science, Nature, Nature Physics, Applied Physics Letters, Proceedings of the National Academy of Sciences*

**Service to Funding Agencies**

Reviewer for grant agencies: NSF, ARO, AFOSR, DOE, MacArthur Foundation, Austrian Academy of Sciences, Research Corporation

Panelist for grant agencies: NSF, DOE

**Leadership in the Academic Community**

APS Division of Atomic, Molecular, and Optical Physics (DAMOP), executive committee member 2020 - present

NSF Challenge Institute for Quantum Computing, advisory board member 2020 - present

Fannie and John Hertz Foundation, early-career board member 2019 - present

**Conference Organization**

Aspen Summer Program on Programmable Quantum Matter, co-organizer 2022

Virtual AMO Seminar (VAMOS), co-founder and board member 2020 - 2021

Templeton Foundation Symposium on Horizons of Quantum Complexity, co-organizer 2020

Quantum Gravity in the Lab, organizing committee member 2019

KITP Program on Open Quantum System Dynamics:  
Quantum Simulators and Simulations Far From Equilibrium, scientific advisor 2019

Aspen Winter Conference on Many-Body Quantum Chaos, co-organizer 2019

CPAD Instrumentation Workshop for High-Energy Physics,  
co-convenor of sessions on quantum sensing 2018

Dynamics and Dissipation in Quantum Simulation Workshop, co-organizer 2018

APS DAMOP Meeting, program committee member 2017 - 2019

APS March Meeting, organizer of tutorial on Topological Physics with Cold Atoms 2017

Bay Area Cold Atom Meeting (BACAM), co-founder and co-organizer 2015 - present

Southwest Quantum Information and Technology (SQuInT) steering committee	2015 - present
CLEO QELS subcommittee for Quantum Optics of Atoms, Molecules, and Solids	2014 - 2016

**University Service**

Faculty Senate Committee on Research (C-Res), member	2021 - present
Stanford-SLAC Engagement Workgroup (SLEW), member	2021
Faculty Senate, member	2020 - present
Q-FARM (Stanford-SLAC quantum initiative), executive committee member	2019 - present
Stanford Science Fellows, steering committee member	2019 - present

**OUTREACH**

Speaker at American Academy of Arts & Sciences (AAAS) Annual Meeting <i>Panel on “Quantum for the People: Connecting Quantum Information Science &amp; Society.”</i>	2/2022
Featured Guest on Sean Carroll’s Mindscape Podcast <i>Interview for an episode on “Cold atoms and emergent spacetime.”</i>	12/2021
Dear Doctor career panel, Black in Physics Week <i>Virtual panel featuring career advice for Ph.D. students in physics</i>	10/2021
Stanford Program for Inspiring the Next Generation of Women in Physics, faculty advisor <i>Virtual summer program on coding and physics for high-school girls, led by undergraduates.</i>	2021
Heinz R. Pagels Public Lecture, Aspen Physics Center <i>Virtual talk on Atoms and Photons: From Fundamental Physics to Quantum Technology.</i>	8/2021
Research Universities Alliance (RUA) Faculty Job Search Bootcamp, panelist <i>Advice on faculty careers for postdocs in math, physical sciences, and engineering.</i>	5/2021
International Science and Engineering Fair (ISEF), panelist <i>Excellence in Science and Technology Panel for high-school students worldwide.</i>	5/2021
National Public Radio Short Wave Podcast, featured guest <i>Interview for an episode entitled “Quantum mechanics for beginners.”</i>	10/2020
IBM Qiskit Global Summer School, panelist <i>Virtual panel on careers in quantum computing for 5000 students worldwide.</i>	7/2020
International Science and Engineering Fair (ISEF), panelist <i>Women in STEM Panel attended virtually by high-school students worldwide.</i>	5/2020
Rising Stars in Physics Workshop, chair of organizing committee <i>Two-day career workshop for women postdocs.</i>	4/2019
APS Bridge & National Mentoring Community Conference, speaker <i>Advice on academic careers and applying to graduate school.</i>	11/2018
APS Conference for Undergraduate Women in Physics (CUWiP), speaker <i>Research talk targeted to undergraduates.</i>	1/2018
Rising Stars in Physics Workshop at MIT, panelist <i>Career advice to women postdocs and senior graduate students.</i>	11/2016
Stanford Summer Research Program for Teachers, guest presentation <i>Workshop on introducing concepts of quantum mechanics with hands-on optics activities</i>	7/2018
Panelist for Fannie & John Hertz Foundation Summer Workshop	2016

*Advice to graduate students on pursuing an academic career.*

Guest lecturer at Carleton College in a series on “What Physicists Do” 2016  
*Colloquium targeted to undergraduates and meeting with Women in Physics*

Guest lecturer in MITRE Corporation Summer Student Program 2013  
*Introduced high-school students to topics of forefront research in quantum metrology*

PEER-REVIEWED  
PUBLICATIONS

A. Periwal, E. S. Cooper, P. Kunkel, J. F. Wienand, E. J. Davis, and M. Schleier-Smith. “Programmable interactions and emergent geometry in an array of atom clouds,” *Nature* **600**, 630-635 (2021).

G. Anikeeva, O. Markovic, V. Borish, J. A. Hines, S. V. Rajagopal, E. S. Cooper, A. Periwal, A. H. Safavi-Naeini, E. J. Davis, and M. Schleier-Smith. “Number partitioning with Grover’s algorithm in central spin systems,” *PRX Quantum* **2**, 020319 (2021).

E. Davis, A. Periwal, E. Cooper, G. Bentsen, S. Evered, K. Van Kirk, and M. Schleier-Smith. “Protecting spin coherence in a tunable Heisenberg model,” *Phys. Rev. Lett.* **125**, 060402 (2020).

V. Borish, O. Marković, J. A. Hines, S. V. Rajagopal, and M. Schleier-Smith. “Transverse-field Ising dynamics in a Rydberg-dressed atomic gas,” *Phys. Rev. Lett.* **124**, 063601 (2020).

G. Bentsen, I.-D. Potirniche, V. B. Bulchandani, T. Scaffidi, X. Cao, X.-L. Qi, M. Schleier-Smith, and E. Altman. “Integrable and chaotic dynamics of spins coupled to an optical cavity,” *Phys. Rev. X* **9**, 041011 (2019).

G. Bentsen, T. Hashizume, A. Buyskikh, E. Davis, A. Daley, S. Gubser, and M. Schleier-Smith. “Tree-like interactions and fast scrambling with cold atoms,” *Phys. Rev. Lett.* **123**, 130601 (2019).  
**Featured as *Editor’s Suggestion*.**

E. Davis, G. Bentsen, L. Homeier, T. Li, and M. Schleier-Smith. “Photon-mediated spin-exchange dynamics of spin-1 atoms,” *Phys. Rev. Lett.* **122**, 010405 (2019). **Featured as *Editor’s Suggestion*.**

J. Marino, Y. Shchadilova, M. Schleier-Smith, and E. Demler. “Spectrum, Landau-Zener theory and driven-dissipative dynamics of a staircase of photons,” *New J. Phys.* **21**, 013009 (2019).

E. Davis, Z. Wang, A. Safavi-Naeini, and M. Schleier-Smith. “Painting non-classical states of spin or motion with shaped single photons,” *Phys. Rev. Lett.* **121**, 123602 (2018).

I.-D. Potirniche, A. C. Potter, M. Schleier-Smith, A. Vishwanath, and N. Y. Yao. “Floquet symmetry-protected topological phases in cold atomic systems,” *Phys. Rev. Lett.* **119**, 123601 (2017).

J. Borregaard, E. Davis, G. Bentsen, M. H. Schleier-Smith, and A. S. Sørensen. “One- and two-axis squeezing of atomic ensembles in optical cavities,” *New J. Phys.* **19** 093021 (2017).

B. Swingle, G. Bentsen, M. Schleier-Smith, and P. Hayden. “Measuring the scrambling of quantum information,” *Phys. Rev. A* **94**, 040302(R) (2016). **Selected as *50th Anniversary Milestone*.**

T. Li, L. Duca, M. Reitter, F. Grusdt, E. Demler, M. Endres, M. Schleier-Smith, I. Bloch, and U. Schneider. “Bloch state tomography using Wilson lines,” *Science* **352**, 1094 (2016).

E. Davis, G. Bentsen, and M. Schleier-Smith. “Approaching the Heisenberg limit without single-particle detection,” *Phys. Rev. Lett.* **116**, 053601 (2016).

L. Duca, T. Li, M. Reitter, I. Bloch, M. Schleier-Smith, and U. Schneider. “An Aharonov-Bohm interferometer for determining Bloch band topology,” *Science* **347**, 288 (2015). **Featured in *Per-***

**spective: New SQUID on the Bloch.**

S. K. Baur, M. H. Schleier-Smith, and N. R. Cooper. “Dynamic optical superlattices with topological bands.” *Phys. Rev. A* **89**, 051605(R) (2014).

R. P. McConnell, H. Zhang, S. Čuk, J. Hu, M. H. Schleier-Smith, and V. Vuletić. “Generating entangled spin states for quantum metrology by single-photon detection.” *Phys. Rev. A* **88**, 063802 (2013).

H. Zhang, R. P. McConnell, S. Cuk, Q. Lin, M. H. Schleier-Smith, I. D. Leroux, and V. Vuletić. “Collective state measurement of mesoscopic ensembles with single-atom resolution,” *Phys. Rev. Lett.* **109**, 133603 (2012).

I. D. Leroux, M. H. Schleier-Smith, H. Zhang, and V. Vuletić. “Unitary cavity spin squeezing by quantum erasure,” *Phys. Rev. A* **85**, 013803 (2012).

M. H. Schleier-Smith, I. D. Leroux, H. Zhang, M. A. Van Camp, and V. Vuletić. “Optomechanical cavity cooling of an atomic ensemble,” *Phys. Rev. Lett.* **107**, 143005 (2011).

I. D. Leroux, M. H. Schleier-Smith, and V. Vuletić. “Orientation-dependent entanglement lifetime in a squeezed atomic clock,” *Phys. Rev. Lett.* **104**, 250801 (2010). **Featured in *Physics Focus: Atomic Clock Beats the Quantum Limit.***

I. D. Leroux, M. H. Schleier-Smith, and V. Vuletić. “Implementation of cavity squeezing of a collective atomic spin,” *Phys. Rev. Lett.* **104**, 073602 (2010). **Featured as *Editor’s Suggestion.***

M. H. Schleier-Smith, I. D. Leroux, and V. Vuletić. “Squeezing the collective spin of a dilute atomic ensemble by cavity feedback,” *Phys. Rev. A* **81**, 021804(R) (2010).

M. H. Schleier-Smith, I. D. Leroux, and V. Vuletić. “States of an ensemble of two-level atoms with reduced quantum uncertainty,” *Phys. Rev. Lett.* **104**, 073604 (2010).

M. Schnell, P. Lützow, J. van Veldhoven, H. Bethlem, J. Küpper, B. Friedrich, M. Schleier-Smith, H. Haak, and G. Meijer. “A linear AC trap for polar molecules in their ground state,” *J. Phys. Chem. A* **111**, 7411-7419 (2007).

A. N. Kolmogorov, V. H. Crespi, M. H. Schleier-Smith, and J. C. Ellenbogen. “Nanotube-substrate interactions: distinguishing carbon nanotubes by the helical angle,” *Phys. Rev. Lett.* **92**, 085503 (2004).

M. H. Schleier-Smith, L. D. van Buuren, J. M. Doyle, S. N. Dzhosyuk, D. M. Gilliam, C. E. H. Mattoni, D. N. McKinsey, L. Yang, and P. R. Huffman. “The production of nitrogen-13 by neutron capture in boron compounds,” *Nucl. Instrum. Meth. B* **215**, 531-536 (2004).

PREPRINT

X. Qi, E. Davis, A. Periwal, and M. Schleier-Smith. “Measuring operator size growth in quantum quench experiments,” *arXiv:1906.00524[quant-ph]*.

INVITED PAPERS

G. Bentsen, E. Davis, L. Homeier, A. Periwal, E. Cooper, K. van Kirk, and M. Schleier-Smith. “Photon-Mediated Spin Mixing Dynamics,” *Proceedings of SPIE* **10934**, 109342P (2019).

E. Davis, G. Bentsen, T. Li, and M. Schleier-Smith. “Advantages of Interaction-Based Readout for Quantum Sensing,” *Proceedings of SPIE* **10118**, 101180Z (2017).

H. Tanji-Suzuki, Ian D. Leroux, M. H. Schleier-Smith, M. Cetina, A. Grier, J. Simon, and V. Vuletić. “Interaction between Atomic Ensembles and Optical Resonators: Classical Description,” *Adv. At. Mol. Opt. Phys.*, **60**, 201 (2011).

M. H. Schleier-Smith, I. D. Leroux, and V. Vuletić. “Preparation of reduced-quantum-uncertainty input states for an atomic clock,” *Proceedings of SPIE* **7431**, 743107 (2009).

I. D. Leroux, M. H. Schleier-Smith, and V. Vuletić. “Producing squeezed input states for an atomic clock using an optical cavity,” *Frequency Control Symposium, Joint with the 22nd European Frequency and Time Forum. IEEE International*, 220-225 (2009).

M. H. Schleier-Smith, I. D. Leroux, and V. Vuletić. “Spin squeezing on an atomic-clock transition,” *Proceedings of the XXI International Conference on Atomic Physics*, 107 (2008).

INVITED  
COMMENTARY

M. Schleier-Smith. “Perspective: Solving a Puzzle with Atomic Qubits,” *Science* **376**, 1155-1156 (2022).

P. Kunkel and M. Schleier-Smith. “News & Views: Measure in Circles,” *Nature Physics* **18**, 124-125 (2022).

E. Altman *et al.*. “Quantum Simulators: Architectures and Opportunities,” *PRX Quantum* **2**, 017003 (2021).

M. Schleier-Smith. “Perspective: Squeezing out higher precision,” *Science* (2019).

M. Schleier-Smith. “News & Views: Probing information scrambling,” *Nature Physics* (2017).

M. Schleier-Smith. “Editorial: Hybridizing quantum physics and engineering,” editorial in *Phys. Rev. Lett.* **117**, 100001 (2016).

M. Schleier-Smith and H. Tanji-Suzuki. “Viewpoint: Pure photons for quantum communications,” *Physics* **7**, 6 (2014).

BOOK CHAPTER

V. Vuletić, I. D. Leroux, and M. H. Schleier-Smith. “Microchip-based trapped-atom clocks,” in *Atom Chips*, ed. J. Reichel and V. Vuletić, 265-282 (Weinheim, Germany: Wiley-VCH, 2011).

PATENTS

V. H. Crespi, A. N. Kolmogorov, J. C. Ellenbogen, and M. H. Schleier-Smith. Directed flow method and system for bulk separation of single-walled tubular fullerenes based on helicity (2008). U.S. Patent 7,347,981.

M. H. Schleier-Smith and J. C. Ellenbogen. The MITRE Corporation. Method for bulk separation of single-walled tubular fullerenes based on chirality (2003). U.S. Patent 6,669,918.

INVITED  
PRESENTATIONS

<i>Open System Control of Atomic and Photonic Matter</i> , Bad Honnef, Germany	6/2022
<i>University of Wisconsin Physics Colloquium</i> , Madison, WI	4/2022
<i>Princeton Quantum Colloquium</i> , Princeton, NJ	3/2022
<i>University of Maryland Physics Colloquium</i> , College Park, MD	2/2022
<i>SLAC Colloquium</i> , Menlo Park, CA	1/2022
<i>Optical Sciences Winter School, University of Arizona</i> (virtual)	1/2022
<i>Aspen Conference on Many-Body Cavity-QED</i> , Aspen, CO	12/2021
<i>Quantum Engineering: Fundamental Aspects to Applications</i> , Lyon, France (virtual)	11/2021
<i>Virtual AMO Seminar</i> (virtual)	10/2021

<i>CU Boulder Physics Colloquium, Boulder, CO</i>	10/2021
<i>University of Washington Physics Colloquium, Seattle, WA</i>	10/2021
<i>Chilloquium, Harvard Society for Physics Students (virtual)</i>	9/2021
<i>BEC Conference, Sant Feliu, Spain</i>	9/2021
<i>KITP Conference: Transport &amp; Efficient Energy Conversion in Quantum Systems (virtual)</i>	9/2021
<i>Munich Center for Quantum Science and Technology (MCQST) Colloquium (virtual)</i>	7/2021
<i>Heraeus Seminar: Collective Effects and Non-Equilibrium Quantum Dynamics (virtual)</i>	6/2021
<i>TASI Summer School: Black Holes, Quantum Information, and Dualities (virtual)</i>	6/2021
<i>I. I. Rabi Prize Lecture, DAMOP Meeting of the American Physical Society (virtual)</i>	6/2021
<i>Perimeter Institute for Theoretical Physics Colloquium (virtual)</i>	5/2021
<i>Howard Schultz Prize Lecture, Yale University (virtual)</i>	5/2021
<i>UC Berkeley Physics Colloquium (virtual)</i>	4/2021
<i>Indiana University Physics Colloquium (virtual)</i>	4/2021
<i>Oklahoma University Physics Colloquium (virtual)</i>	4/2021
<i>Quantum Science Seminar (virtual)</i>	4/2021
<i>U. of Oregon Physics Colloquium (virtual)</i>	2/2021
<i>Royal Society Meeting: New Perspectives on Quantum Many-Body Chaos (virtual)</i>	2/2021
<i>California Institute of Technology Physics Colloquium (virtual)</i>	1/2021
<i>Heraeus Seminar: Exploring Quantum Many-Body Physics with Ultracold Atoms and Molecules (virtual)</i>	12/2020
<i>Workshop on Qubits and Black Holes, Institute for Advanced Study (virtual)</i>	12/2020
<i>Qiskit Quantum Information Science Seminar (virtual)</i>	12/2020
<i>QChaos 2020 Seminar, University of New Mexico (virtual)</i>	11/2020
<i>Princeton University Physics Colloquium (virtual)</i>	11/2020
<i>IOP International Quantum 2020 Conference (virtual)</i>	10/2020
<i>OSA Quantum 2.0 &amp; FiO+LS Conferences (virtual)</i>	9/2020
<i>Workshop on Analog Computational Methods, U. of Pittsburgh (virtual)</i>	8/2020
<i>Online School on Ultra Quantum Matter, Perimeter Institute (virtual)</i>	8/2020
<i>Johannes Gutenberg University of Mainz QUANTUM Seminar (virtual)</i>	6/2020
<i>UC Davis Physics Colloquium (Frederica Darema Lecture), Davis, CA</i>	3/2020
<i>Minerva-Genter Symposium on Quantum Simulations, Tze'elim, Israel</i>	2/2020
<i>Israeli Physical Society Meeting, Rehovot, Israel</i>	2/2020
<i>U. of Heidelberg Center for Quantum Dynamics Colloquium, Heidelberg, Germany</i>	1/2020
<i>Cornell University Physics Colloquium (Krumhansl Lecture), Ithaca, NY</i>	11/2019
<i>Quantum Gravity in the Lab, Google X, Mountain View, CA</i>	11/2019
<i>Laboratoire Kastler Brossel (LKB) Seminar, Ecole Normale Supérieure, Paris, France</i>	9/2019
<i>Otto Stern Fest, Frankfurt, Germany</i>	9/2019

<i>Quantum Information and Quantum Gravity V</i> , Davis, CA	8/2019
<i>Many Facets of Non-Equilibrium Physics</i> , Mazara del Vallo, Italy	7/2019
<i>Quantum Metrology and Physics Beyond the Standard Model</i> , Hannover, Germany	6/2019
<i>DAMOP Meeting of the American Physical Society</i> , Milwaukee, WI	5/2019
<i>University of Nevada Physics Colloquium</i> , Reno, NV	4/2019
<i>April Meeting of the American Physical Society</i> , Denver, CO	4/2019
<i>March Meeting of the American Physical Society</i> , Boston, MA	3/2019
<i>Harvard Physics Colloquium</i> , Cambridge, MA	2/2019
<i>Emerging Directions &amp; Opportunities in Quantum Science</i> , Santa Barbara, CA	2/2019
<i>Berkeley Statistical Mechanics Meeting</i> , Berkeley, CA	1/2019
<i>KITP Conference: Chaos and Order</i> , Santa Barbara, CA	12/2018
<i>Dynamics of Open Quantum Systems</i> , Glasgow, UK	10/2018
<i>UIUC Condensed Matter Seminar</i> , Urbana-Champaign, IL	10/2018
<i>U.S.-Japan Quantum Electronics and Laser Spectroscopy</i> , Kanazawa, Japan	9/2018
<i>Cambridge University AMOP Seminar</i> , Cambridge, United Kingdom	9/2018
<i>Correlations and Entanglement with Photons in Cavities</i> , Chicheley Hall, U.K.	9/2018
<i>Gordon Conference on Quantum Science</i> , Stonehill, MA	8/2018
<i>Quantum Fluids of Light and Matter</i> , Les Houches, France	6/2018
<i>MIT Physics Colloquium</i> , Cambridge, MA	3/2018
<i>Rice Physics Colloquium</i> , Houston, TX	3/2018
<i>U. of Michigan Physics Colloquium</i> , Ann Arbor, MI	3/2018
<i>Caltech Condensed Matter Physics Seminar</i> , Pasadena, CA	1/2018
<i>University of New Mexico Physics Colloquium</i> , Albuquerque, NM	1/2018
<i>Joint Quantum Institute (JQI) Seminar</i> , College Park, MD	11/2017
<i>ITAMP Workshop on Many-Body Cavity QED</i> , Cambridge, MA	10/2017
<i>Quantum Sensing with Quantum Correlated Systems</i> , Dresden, Germany	9/2017
<i>BEC Conference</i> , Sant Feliu, Spain	9/2017
<i>Physics Next: from Quantum Fields to Condensed Matter</i> , Riverside, NY	8/2017
<i>ICTS Program on Open Quantum Systems</i> , Bangalore, India	7/2017
<i>PRACQSYS</i> , Seattle, WA	7/2017
<i>Frontiers in Emergent Quantum Phenomena</i> , New York, NY	7/2017
<i>APS DAMOP Meeting</i> , Sacramento, CA	6/2017
<i>James Franck Institute Seminar</i> , University of Chicago, IL	4/2017
<i>Frontiers in Quantum Coherent Science</i> , Berkeley, CA	1/2017
<i>KITP Conference on Designer Quantum Systems Out of Equilibrium</i> , Santa Barbara, CA	11/2016
<i>KITP Program on Synthetic Quantum Matter</i> , Santa Barbara, CA	9/2016



<i>ITAMP Workshop on Laboratory Cosmology</i> , Cambridge, MA	9/2016
<i>Dynamics of Open Quantum Systems</i> , Glasgow, Scotland, UK	9/2016
<i>March Meeting of the American Physical Society</i> , Baltimore, MD	3/2016
<i>Gordon Conference on Mechanical Systems in the Quantum Regime</i> , Ventura Beach, CA	3/2016
<i>Fundamental Bounds on Quantum Dynamics</i> , Stanford, CA	10/2015
<i>KITP Conference on Non-Equilibrium Dynamics of Strongly Interacting Photons</i> , Santa Barbara, CA	10/2015
<i>Gordon Conference on Atomic Physics</i> , Newport, RI	6/2015
<i>Heraeus-Seminar on Continuous-Variable Entanglement in Atomic Systems</i> , Bad Honnef, Germany	5/2015
<i>Harvard-MIT Center for Ultracold Atoms</i> , Cambridge, Massachusetts	4/2015
<i>Conference on Non-Equilibrium Quantum Matter</i> , Aspen, Colorado	3/2015
<i>Southwest Quantum Information Network (SQuInT)</i> , Berkeley, California	2/2015
<i>Heraeus-Seminar on Designed Quantum States of Matter</i> , Bad Honnef, Germany	12/2014
<i>Niels Bohr Institute, University of Copenhagen</i> , Denmark	12/2014
<i>Nano- and Quantum Physics Seminar, University of Basel</i> , Switzerland	12/2013
<i>International Conference on Laser Spectroscopy (ICOLS)</i> , Berkeley, California	6/2013
<i>Quantum Optics Seminar, Universität des Saarlandes</i> , Saarbrücken, Germany	3/2013
<i>DAMOP Meeting of the American Physical Society</i> , Orange County, California	6/2012
<i>Molecular Physics Seminar, Fritz Haber Institute of the Max Planck Society</i> , Berlin	5/2012
<i>Laboratoire Kastler Brossel (LKB) Seminar, Ecole Normale Supérieure</i> , Paris	3/2012
<i>Quantum Optics of Micro- and Nanomechanical Systems</i> , Monte Verita, Switzerland	7/2011
<i>Young Atom Opticians School, Leibniz-Universität Hannover</i> , Germany	2/2011
<i>Cavity-Mediated Molecular Cooling (CMMC) Meeting</i> , Herrsching, Germany	3/2010