

Presentations 2001

Date	Place	Type of talk	Speaker	Title
1/8 – 1/11	Snowbird, Utah	Invited talk, Winter Colloquium on the Physics of Quantum Electronics	WK	Collective enhancement and suppression in Bose-Einstein condensates
January	Shonan Village Center, Japan	Invited talk, The Third Workshop on Laser Cooling	Ananth Chikkatur	Impurity Collisions and Superfluidity
2/13	Bloomington, IN	Public Lecture, Indiana University	WK	Bose-Einstein condensates - the coldest matter in the universe
2/14	Bloomington, IN	Colloquium, Indiana University	WK	Collective behavior of millions of atoms in a Bose-Einstein condensate
2/15	West Lafayette	Colloquium, Purdue University	WK	Collective enhancement and suppression in Bose-Einstein condensates
2/27	Boston	Colloquium, Boston University	WK	Collective enhancement and suppression in Bose-Einstein condensates
3/29	Middletown, CT	Colloquium, Wesleyan University	WK	Collective enhancement and suppression in Bose-Einstein condensates
4/5	College Station, TX	Colloquium, Texas A&M	WK	Collective enhancement and suppression in Bose-Einstein condensates
4/9	Cambridge, MA	DSP group seminar	WK	Bose-Einstein condensates - the coldest matter in the universe
4/19	Brunswick, ME	Public Lecture, Bowdoin College	WK	Bose-Einstein condensates - the coldest matter in the universe
4/20	Brunswick, ME	Colloquium, Bowdoin College	WK	Ultralow-density condensed matter physics with Bose-

4/28 – 5/1	Washington, D.C.	plenary talk, APS April Meeting	WK	Einstein condensates Amplification of Atoms and Light in Bose-Einstein condensates
5/1 – 5/4	Pasadena, CA	Oral presentation, 2 nd Pan-Pacific Workshop on Microgravity Sciences	WK	Advanced Optical Traps for Bose-Einstein condensates
5/6 – 5/11	Baltimore, MD	Oral presentation, CLEO/QELS 2001	S. Gupta	Bose-Einstein condensation in a large-volume optical trap
5/16 – 5/19	London, Ontario, Canada	Invited talk, DAMOP 2001	T.L. Gustavson	Experiments with a Bose- Einstein Condensate in an Optical Trap
5/16 – 5/19	London, Ontario, Canada	Contributed talk, DAMOP 2001	A. Leanhardt	Bose-Einstein condensates in the F=2 state of Na
5/16 – 5/19	London, Ontario, Canada	Contributed talk, DAMOP 2001	A. Chikkatur	1- and 2-Dimensional Bose- Einstein Condensates
5/16 – 5/19	London, Ontario, Canada	Contributed talk, DAMOP 2001	J. Abo-Shaeer	Aspects of Superfluidity in a Bose-Einstein condensate
6/4 – 6/8	Boston, MA	Invited talk, International Conference on Squeezed states and Uncertainty Relations (ICSSUR 2001)	C. Raman	Vortex Matter in Bose-Einstein Condensates
6/10 – 6/15	Snowbird, Utah	Invited talk, 15 th International Conference on Laser Spectroscopy, (ICOLS 01)	T.L. Gustavson	Optical trapping and manipulation of Bose-Einstein condensates
6/10 – 6/15	Snowbird, Utah	Poster presentation, 15 th International Conference on Laser Spectroscopy, (ICOLS 01)	A.P. Chikkatur	Transported Bose-Einstein Condensates
6/10 – 6/15	Snowbird, Utah	Poster presentation, 15 th International Conference on Laser Spectroscopy, (ICOLS 01)	J.M. Vogels	Observation of Vortex Lattices in Bose-Einstein Condensates
6/10 – 6/15	Snowbird, Utah	Poster presentation, 15 th International Conference on Laser Spectroscopy,	J.M. Vogels	Realization of Bose-Einstein condensates in one and two

6/13 – 6/16	Rochester	(ICOLS 01) Plenary talk, Eight Rochester Conference on Coherence and Quantum Optics	W.K.	dimensions Coherence and collective behavior in Bose-Einstein condensates
6/13 – 6/16	Rochester	Poster presentation, Eight Rochester Conference on Coherence and Quantum Optics	S. Inouye	Observation of vortex phase singularities in stirred Bose- Einstein condensates
6/21	Williamstown, MA	Invited talk, Atomic Physics Gordon Conference	WK	Spinning and shaping condensates with laser beams
6/17-6/22	Williamstown, MA	Poster Presentation, Atomic Physics Gordon Conference	S. Gupta	Two New Quantum Gas Facilities at MIT, CUA.
6/17-6/22	Williamstown, MA	Poster Presentation, Atomic Physics Gordon Conference	A.E. Leanhardt	BEC in lower dimensions and in the F=2 hyperfine state
6/27	Tübingen	Bodo von Borries Lecture, University of Tübingen	WK	Bose-Einstein-Kondensate - eine Quantenflüssigkeit dünner als Luft
6/29	Heidelberg	Colloquium	WK	Bose-Einstein-Kondensate - eine Quantenflüssigkeit dünner als Luft
7/18	Cancun, Mexico	Plenary talk, STATPHYS 21	WK	Bose-Einstein condensation – quantum mechanics near zero temperature
7/19-21	Insel Reichenau, Germany	Invited talk, International Workshop “Quantum Gases”, Insel Reichenau	A. Görlitz	Recent BEC experiments at MIT – BEC in large-volume optical traps and interference of vortices.
9/7	Monterey, CA	Packard Foundation meeting	WK	Bose-Einstein condensation – quantum mechanics near zero temperature
7/22-27	Konstanz, Germany	Contributed talk, International Symposium on Quantum Fluids and	Johnny Vogels	Observation of Vortex Lattices in Bose- Einstein Condensates

8/27-30	Hatoyama, Japan	Solids Invited talk, International Symposium on Foundations of Quantum Mechanics (ISQM-Tokyo '01)	Shin Inouye	Vortex Excitations in a Bose-Einstein Condensate
9/15-20	San Feliu de Guixols, Spain	Invited talk, Euresco Conference on the Physics of Atomic Gases at Low Temperatures	A. Görlitz	Optical Manipulation of Bose-Einstein Condensates
9/15-20	San Feliu de Guixols, Spain	Poster, Euresco Conference on the Physics of Atomic Gases at Low Temperatures	A.E. Leanhardt	Experiments with Transported Bose-Einstein Condensates
9/15-20	San Feliu de Guixols, Spain	Invited talk, Euresco Conference on the Physics of Atomic Gases at Low Temperatures	J. Abo-Shaeer	Title of presentation: Vortex Lattices in Bose-Einstein Condensates
9/25	Schloß Ringberg, Germany	Seminar der Abteilung Laserspektroskopie des MPQ (Gruppe Hänsch)	A. Görlitz	Recent Na-BEC Experiments@MIT - Dipole Traps and Vortices
10/11	MIT	Colloquium	WK	Bose-Einstein condensates – the coldest matter in the universe
10/14-18	Long Beach, California	Contributed talk, OSA 2001/ILS-XVII	T.L. Gustavson	Experiments with Bose-Einstein condensates in a planar optical trap
10/14-18	Long Beach, California	Contributed talk, OSA 2001/ILS-XVII	K. Xu	Observation of vortex lattices in Bose-condensed gas
10/18	New York University	Colloquium	WK	
10/29	Harvard University	Colloquium	WK	
11/8	Munich	Haensch fest	WK	Exciting Years of Physics at MPQ and MIT
11/20	MIT	MOS seminar	WK	Gaseous Bose-Einstein condensates - a nanokelvin laboratory for AMO physics
11/20	MIT	Meeting of the Administrative	WK	The Bose-Einstein Condensate:

		Council			The Coldest Matter in the Universe
12/4	Gothenborg, Sweden	Invited talk, Nobel Jubilee Symposium	WK		Superfluidity and Coherence in Bose-Einstein Condensates
12/8	Stockholm	Nobel lecture	WK		When Atoms Behave as Waves: Bose-Einstein Condensation and the Atom Laser
12/12	Bangalore, India	Talk	Ananth Chikkatur		The Bose-Einstein Condensate: A superfluid gas of coherent atoms
12/13	Uppsala, Sweden	Talk in Nobel Session	WK		When Atoms Behave as Waves: Bose-Einstein Condensation and the Atom Laser
12/14	Lund, Sweden	Colloquium	WK		
12/24	Indian Institute of Astrophysics, Bangalore, India	Talk	Ananth Chikkatur		Bose-Einstein Condensation and the 2001 Physics Nobel Prize