

Contact Informatin: Physics Department, OSU, Columbus, Ohio 43210, USA
(614)-292-2046 (Office), (614)-292-7557 (Fax) Email: Ho@mps.ohio-state.edu

Education: Ph.D in Physics, Cornell University, 1977

Employment:

1/02-Present Distinguished Professor of Mathematical and Physical Sciences, OSU
7/96-1/02 Professor, Physics Department, The Ohio State University
7/89-7/96 Associate Professor, Physics Department, The Ohio State University
1/83-6/89 Assistant Professor, Physics Department, The Ohio State University
9/80-2/82 Research Associate, Institute for Theoretical Physics, UC Santa Barbara
9/78-8/80 Research Associate, University of Illinois at Urbana-Champaign

Honors:

2008 Recipient of Lars Onsager Prize of American Physical Society
2001 Ohio State University Distinguished Scholar Award
2000 Fellow of American Physical Society
1999 Fellow of John Simon Guggenheim Memorial Foundation
1984 Alfred P. Sloan Foundation Fellow

Professional Affiliation:

2008-present Member of Advisory Committee of Canadian Institute for Advance Research
2009-present Member of Advisory Committee of Quantum Institute of George-Mason University
1996- 2006 Member of Aspen Center for Physics
2003-2004 Member of Academic Committee of Center for Advanced Studies, Tsinghau Univesity, Beijing, China.
2001- 2003 Member of Oversight Committee for the C.N. Yang Endowment Fund at Tsinghau University, Beijing, China, 2001 to present
2001- 2003 Distinguished Overseas Scholar, Institute of Theoretical Physics, Academica Senica, Beijing, China,

Conference/Workshop organization:

2011 Organizer of *Workshop on Strongly Interacting Quantum Gases*, Institute of Nuclear Studies, University of Washington, Seattle
2010 Organizer of *Workshop on Synthetic Gauge Fields in Cold Atoms*, ISATU, August 2010, Beijing, China,
2007-08 Organizer of *Conference on Frontier of Degenerate Quantum Gases*, October, 2008, CATU, Beijing, China.
2006-07 Organizer of *Workshop on Frontiers in Quantum Gases*, Paris, May-July 2007.
2004-05 Organizer of the *workshop on Strongly Interacting Quantum Gases*, Ohio State University, April 18-21, 2005
2003-04 Organizer of the workshop on *Quantum Gases*, Kavli Institute for Theoretical Physics, University of California at Santa Barbara, April 1 to June 30, 2004.
2002-03 Organizer of the 2003 *Aspen Workshop on ``Interface between cold atoms and*

condensed matter physics", Aspen Center of Physics, June, 2003
2001-02 Organizer of the *Symposium on Symmetry and Quantum Mysteries*, Cornell University, May, 2002.
2000-01 Organizer of the 2001 *Aspen Workshop on ``Fundamental Issues in Quantum Gases*", Aspen Center of Physics, June, 2001.
1998-99 Organizer of the *Aspen Workshop on ``Exploring Bose Condensates*", Aspen Center of Physics, June, 1999.
1995-96 Organizer of the *Aspen Workshop on Quantum Magnetism*, Aspen Center of Physics, July, 1996.

Membership :

Lifetime Member of American Physical Society (APS Fellow, 2000)
Lifetime Member of Overseas Chinese Physics Association

Current Funding:

NSF Grant from DMR, 10/01/09-11/01/12, 130K per year.
DARPA Grant (subcontract from University of Maryland subcontract), 10/01/09-11/01/12, 100K per year.
DARPA Grants (subcontract from Rice University), 10/01/09-11/01/12, 140K per year.

Current Associates:

Students: Weiran Li, Postdoc: Shizhong Zhang, Edward Taylor

Students since 1996

Vivek Shenoy, Professor of Mechanical Engineering, Brown University
Cristian Ciobanu, Professor at Colorado University of Mines
Qi Zhou, Postdoc at Joint Quantum Institute, University of Maryland

Postdocs since 1996

Lan Yin, Professor at Beijing University, China
Sung Kit Yip, Senior Member of Academia Sinica, Taipei, Taiwan
Mehmet Oktel, Professor at Bilkent University, Turkey
Erich Mueller, Associate Professor at Cornell University
Hui Zhai, Member of Institute of Advanced Studies at Tsinghua University, China
Roberto Diener, Senior Consultant for DARPA

Other professional Service:

Member of Review Panels for the AMO Program at NSF.
Member of Program Committee of 6 international conferences in the last 4 years including LT26.
Member of Site Visit Review Panel for MIT-Harvard Center of Cold Atoms, 2006
Member of Executive Advisory Committee of FOCUS Center of Michigan, 2006
Reviewer of AMO2010 of National Academy of Sciences, 2006

Invited Talks : Average 16-20 invited talks per year (colloquia, seminars, international conferences and workshops) since 1995.