

Invited Talks at Conferences and Workshops – Yoram Alhassid

The Maximum Entropy Formalism Conference

MIT, Cambridge, MA, May 2-4, 1978.

The International Symposium on Continuum Spectra of Heavy Ion Reactions

San Antonio, Texas, December 3-5, 1979.

Workshop on Nuclear Dynamics

Granlibakken, Tahoe City, California, March 17-21, 1980.

The American Physical Society 1980 April Meeting

Washington, D.C., April 28 - May 1, 1980.

Winter Workshop on Many-Body and Statistical Methods in Nuclear Physics

Weizmann Institute of Science, Israel, November 21-Dec. 17, 1981.

The Nuclear Many-Body Workshop

Institute for Theoretical Physics, University of California, Santa Barbara, California, August 1982.

The Workshop on Boson Models in Nuclei

Drexel University, Philadelphia, Pennsylvania, 1983.

The Seventh Oaxtepec Symposium on Nuclear Physics

Oaxtepec, Mexico, January 3-6, 1984.

XIII International Colloquium on Group Theory Methods in Physics

University of Maryland, College Park, Maryland, May 21-25, 1984.

Conference on Structural Similarities Among Solvable Models in Physics

Institute for Theoretical Physics, University of California, Santa Barbara, California, August 20-24, 1984.

International Symposium on Nuclear Shell Models

Philadelphia, Pennsylvania, October 31 - November 3, 1984.

Conference on Frontier Problems in Nuclear and Mathematical Physics

Mexico City, November 5-7, 1984.

International Symposium on Symmetries in Science

Carbondale, Illinois, March 24-27, 1986.

First International Conference on the Physics of Phase Space

College Park, Maryland, May 20-23, 1986.

International Conference on Nuclear Structure, Reactions and Symmetries

Dubrovnik, Yugoslavia, June 5-14, 1986.

XV International Colloquium on Group Theory Methods in Physics
Drexel University, Philadelphia, Pennsylvania, October 1986.

The Annual General Meeting of the American Physical Society
Crystal City, Virginia, April 20-23, 1987.

The American Physical Society Meeting, Division of Atomic, Molecular and Optical Physics,
Cambridge, Massachusetts, May 18-20, 1987.

Gordon Research Conference on the Dynamics of Simple Systems in Physics and Chemistry
New Hampshire, August 10-14, 1987.

Texas A & M Symposium on Hot Nuclei
Texas A & M University, College Station, Texas, December 7-10, 1987.

International Conference on High Spin Nuclear Structure and Novel Nuclear Shapes
Argonne National Laboratory, Argonne, Illinois, April 13-16, 1988.

International Workshop on Algebraic Methods in Molecular Physics
Jerusalem, Israel, August 10-18, 1988.

Workshop on the Interface between Nuclear Structure and Reactions
Los-Angeles, California, September 26-29, 1988.

Yale-Weizmann Symposium in Condensed Matter Physics
Yale University, New Haven, Connecticut, October 24-26, 1988.

The Gordon Research Conference on Nuclear Chemistry
New Hampshire, June 12-16, 1989.

Conference on Dynamics of Small Systems
Institute for Theoretical Physics, Santa Barbara, California, June 26-29, 1989.

Gammasphere Study Group
Lawrence Berkeley Laboratory, University of California, Berkeley, California, July 1989.

Workshop on Order and Chaos
Lawrence Berkeley Laboratory, Berkeley, California, July 17-21, 1989.

The American Physical Society Meeting, Division of Nuclear Physics
Asilomar, California, October 12-15, 1989.

Workshop on Nuclear Structure in the Era of New Spectroscopy
The Niels Bohr Institute, Copenhagen, Denmark, November 1989.

Symposium on Nuclear Physics with Large Arrays

The Niels Bohr Institute, Copenhagen, Denmark, November 16-24, 1989.

International Conference on High Spin Physics and γ -soft Nuclei
Pittsburgh, Pennsylvania, September 17-21, 1990.

The Fifth Yukawa Memorial Conference
Japan, October 25-26, 1990.

Yukawa Institute Workshop: New Trends in Nuclear Collective Dynamics
Kyoto, Japan, October 29-November 1, 1990.

Symposium on Future Directions in Nuclear Physics
Strasbourg, France, March 1991.

The Gordon Research Conference on Nuclear Chemistry
New London, New Hampshire, June 24-28, 1991.

Conference on Giant Resonances and Related Phenomena,
Notre Dame, Illinois, October 21-23, 1991.

Meeting of the American Mathematical Society
Springfield, Missouri, March 1992.

International Conference on Group Theoretical Methods in Physics
Salamanca, Spain, June 28-July 4, 1992.

International Nuclear Physics Conference
Wiesbaden, Germany, July 27-August 1, 1992.

International Symposium on Symmetries in Science VII
Japan, August 28-September 1, 1992.

Workshop on Algebraic Methods in Physics
University of Pennsylvania, Philadelphia, Pennsylvania, January 23, 1993.

International Conference on Giant Resonances
Gull Lake, Michigan, August 1993.

Workshop on Large Amplitude Collective Motion
Institute for Nuclear Theory, University of Washington, Seattle, Washington, October 4
– 14, 1993.

International Conference on Monte Carlo Methods in Nuclear Structure
European Center for Theoretical Studies in Nuclear Physics and Related Areas (*ECT**),
Trento, Italy, March 14 - 25, 1994.

International Conference on the occasion of the 20th Anniversary of the Interacting Boson Model

Padova, Italy, June 13 - 18, 1994.

Conference on Applications of Chaos in Many-Body Quantum Physics
Institute for Nuclear Theory, Seattle, Washington, June 20 - 26, 1994.

Applications of Chaos in Nuclear and Atomic Physics,
GANIL, France, September 8 - 9, 1994.

Euroball User Meeting
Strasbourg, France, September 19-23, 1994

XXIV Mazurian Lake School of Physics
Piaski, Poland, August 23 - September 2, 1995.

Workshop in Nuclear Structure under Extreme Conditions
Institute for Nuclear Theory, University of Washington, Seattle, October 8-18, 1995.

International Conference on Algebraic Approaches to Quantum Dynamics
The Fields Institute, Toronto, May 7-12, 1996.

Quantum Chaos and Mesoscopic Systems
Institute of Theoretical Physics, Santa Barbara, California , May - June 1996.

3rd International Summer School "Let's Face Chaos through Nonlinear Dynamics,"
Maribor, Slovenia, June 24 -July 5, 1996.

International Workshop on Mesoscopic Physics
Max Planck Institute for Complex Systems, Dresden, Germany, August - September, 1996.

European Research Conference in Nuclear Physics
Crete, Greece, September 27 - October 3, 1996.

American Physical Society 1996 Meeting, Division of Nuclear Physics
MIT, Boston, October 2 - 5, 1996.

Workshop in Tunneling in Complex Systems
Institute for Nuclear Theory, University of Washington, Seattle, May 1997.

International Symposium on Atomic Nuclei and Metallic Clusters
Prague, Czech Republic, September 1 - 5, 1997 (*opening talk*).

Workshop on Numerical Methods for Strongly Interacting Quantum Systems
Institute for Nuclear Theory, University of Washington, Seattle, Washington, October 1997.

International Conference on Strong Interactions in Quantum Dots
Israel, October 25 -30, 1997.

International Conference on the Nuclear Shell Model
Royal Swedish Academy of Sciences, Stockholm, Sweden, October 29 - November 1, 1997.

International Conference on Giant Resonances
Varenna, Como Lake, Italy, May 11 - 16, 1998.

Highlights of Modern Nuclear Structure
S. Agata, Italy, May 18 - 22, 1998.

XXII International Conference on Condensed Matter Theories
Nashville, Tennessee, June 1 - 7, 1998

Quantum Chaos in Mesoscopic Systems
Aspen Center for Physics, August 10 -29, 1998.

Centennial Meeting of the American Physical Society
invited session of the condensed matter physics division, Atlanta, Georgia, March 20-26, 1999.

Advances in Shell Model Studies in Nuclei Far from Stability
ECT*, Trento, Italy, June 14 - 25, 1999.

International Conference on Non-Hermiticity and Disorder
International Center for Theoretical Physics, Trieste, August 23 - 26, 1999.

The Tenth International Conference on Recent Progress in Many-Body Theories
Seattle, Washington, September 10 -15, 1999 (keynote talk in nuclear physics).

Conference on Frontiers in Fermion Quantum Monte Carlo Methods
Institute for Nuclear Theory, University of Washington, Seattle, September 22-26, 1999.

Symposium on Nuclear Level Densities
Lawrence Livermore National Laboratory, October 18-19, 1999.

Complex Systems and Quantum Chaos
Seattle, Washington, March 13 - 16, 2000.

Interaction and Chaos in Mesoscopic Systems
Minneapolis, May 10 - 12, 2000.

Structure of the Nucleus at the Dawn of the Century
Bologna, Italy, May 29 - June 3, 2000.

Nobel Symposium 2000
Bäckaskog Castle, Sweden, June 13 - 17, 2000.

Nuclei and Nucleons
International Symposium on the occasion of the 60th birthday of A. Richter

Darmstadt, Germany, October 11-13, 2000.

Challenges of Nuclear Structure

Maiori, Italy, May 27 - 31, 2001.

The Nuclear Many-Body Problem 2001

NATO Advanced Research Workshop

Brijuni, June 2 - 5, 2001.

Quantum Chaos: Theory and Applications

Cocoyoc, Mexico, July 8 - 13, 2001.

Nanoscience

Institute of Theoretical Physics, University of California, Santa Barbara, California, August 6 - 27, 2001; November 23 - December 14, 2001.

Nucleosynthesis

Institute for Nuclear Theory, University of Washington, Seattle, Washington, May 22, 2002.

Eleventh International Symposium on Capture Gamma-Ray Spectroscopy and Related Topics

Prague, Czech Republic, September 2-6, 2002.

Symmetries in Nuclear Structure

Ettore Majorana Centre, Erice, Sicily, March 23-29, 2003.

Nuclear Structure Physics Near the Coulomb Barrier: into the 21st Century

Yale University, New Haven, June 12-14, 2003.

Quantum Transport and Correlations in Mesoscopic Systems and QHE

Max Planck Institute for Complex Systems, Dresden, Germany, August 11 - August 22, 2003.

RIA Theory Workshop

Westward Look Resort, Tucson, Arizona, November 1-3, 2003.

NATO Advanced Research Workshop on Nanoscience

St. Petersburg, June 28- July 2, 2004.

Quantum Chaos in the 21st Century

Cuernavaca, Mexico, August 16 -21, 2004.

Perspectives on Random Matrix Theory

Mexico, August 2004.

International Conference on Nuclear Data for Science and Technology (ND2004)

Santa Fe, New Mexico, September 26 - October 1, 2004.

New Descriptions of Transitional Nuclei

Lawrence Berkeley National Laboratory, Berkeley, California, October 21 – 23, 2004.

Nuclei and Mesoscopic Physics

National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, Michigan, October 23 – 26, 2004.

Nuclear Structure Physics Near the Coulomb Barrier: into the 21st Century

Yale University, New Haven, Connecticut, June 23 – 25, 2005.

Fundamentals of Nanosystems

St. Petersburg, June 25– July 1, 2005.

Recent Developments in Mean-Field Methods and in the Treatment of Pairing

Saclay, France, June 28 – July 8, 2005.

Correlations in Quantum Systems: Quantum Dots, Quantum Gases and Nuclei

Palma de Mallorca, Spain, September 26 – 30, 2005.

SciDAC Meeting on Nuclear Structure and Low-Energy Reactions

Argonne National Laboratory, December 12 – 13, 2005.

SciDAC Meeting on Nuclear Structure and Low-Energy Reactions

Argonne National Laboratory, January 30 – 31, 2006.

Second International Conference on Collective Motion in Nuclei Under Extreme Conditions (COMEX2), Sankt Goar, Germany, June 20 – 23, 2006.

Interactions, Coherence and Control in Mesoscopic Systems

Aspen Center for Physics, Aspen, Colorado, July 9 – 28, 2006.

SciDAC Meeting on Universal Energy Density Functional

University of Washington, Seattle, August 2 – 5, 2006.

Dynamics and Relaxation in Complex Quantum and Classical Systems and Nanostructures

Max Planck Institute for Complex Systems, Dresden, Germany, August 2006.*

Experiment-Theory Intersections in Modern Nuclear Structure

ECT*, the European Center for Theoretical Studies in Nuclear Physics and Related Areas, Trento, Italy, April 23 – 27, 2007.

Level Density and Gamma Strength in the Continuum

Oslo, May 21 – 24, 2007.

Nuclear Structure Physics Near the Coulomb Barrier: into the 21st Century

Yale University, New Haven, Connecticut, May 31 – June 2, 2007.

Universal Nuclear Energy Density Functional

SciDAC Annual Workshop, Pack Forest, Washington, August 13 – 16, 2007.

Nuclei and Mesoscopic Physics

National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, Michigan, October 20 – 22, 2007.

CNR 2007, Compound Nuclear Reactions and related Topics*

Yosemite National Park, California, October 22 – 26, 2007.

Modern Aspects in Nuclear Structure and Reactions, International Workshop XXXVI on Gross Properties of Nuclei and Nuclear Excitations

Hirschegg, Kleinwalsertal, Austria, January 13 – 19, 2008.*

Interaction and Interference in Nanoscopic Transport

Max Planck Institute for Complex Systems, Dresden, Germany, February 18–23, 2008.

Chaos and Collectivity in Many-Body Systems

Max Planck Institute for Complex Systems, Dresden, Germany, March 5–8, 2008.*

Cross-fertilization between shell-model and energy density functional methods

Saclay, France, April 7 – 10, 2008.*

Statistical Nuclear Physics and Applications in Astrophysics and Technology

Ohio University, Athens, Ohio, July 7–11, 2008.

Recent Advances in Nonlinear Dynamics and complex System Physics: from Natural to Social Sciences and Security

NATO Advanced Research Workshop, Tashkent, Uzbekistan, October 6–11, 2008.*

Mesoscopic System Symposium

Wesleyan University, Middletown, Connecticut, October 26, 2008.

Penetrating Physics by Random Matrices

Cuernavaca, Mexico, March 2 – 6, 2009.

The Science of Complexity

Eilat, Israel, March 29 – April 1, 2009.

Future Prospects of Nuclear Structure Physics

Arctic FIDIPRO-EFES Workshop, Saariselkä, Finland, April 20–24, 2009.*

Level Density and Gamma Strength in the Continuum

Oslo, Norway, May 11 – 15, 2009.

INT program From Femtoscience to Nanoscience: Nuclei, Quantum Dots, and Nanostructures, Institute of Nuclear Theory, Seattle, Washington, July 20 – August 28, 2009.

Tenth International Spring Seminar on Nuclear Physics

Vietri sul Mare, Italy, May 21 – 25, 2010.

2010 summer program

Aspen Center for Physics, July 11 – 25, 2010.

The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots, Chernogolovka, Russia, September 20–24, 2010.*

Third Workshop on Nuclei and Mesoscopic Physics

Michigan State University, March 5–9, 2011.

INT Program on Fermions from Cold Atoms to Neutron Stars: Benchmarking the Many-Body Problem

Institute for Nuclear Theory, University of Washington, Seattle, Washington, March 14 – May 20, 2011.*

Third Workshop on Nuclear Level Density and Gamma Strength

Oslo, Norway, May 23–27, 2011

2011 International Nuclear Chemistry Gordon Conference on Nuclear Reactions

Colby-Sawyer College, New London, New Hampshire, June 12–17, 2011.

Advanced Many-Body and Statistical Methods in Multiscale Mesoscopic Systems

Constanta, Romania, June 27 – July 2, 2011.*

Frontiers of Quantum and Mesoscopic Thermodynamics 2011 (FQMT'11)

Prague, Czech Republic, July 25 – 30, 2011.

*Third International Workshop on Compound Nuclear Reactions and Related Topics (CNR*11)*

Prague, Czech Republic, September 19-23, 2011.

Beauty in Physics: Theory and Experiment

Cocoyoc, Mexico, May 14–18, 2012.

Horizons of Innovative Theories, Experiments, and Supercomputing in Nuclear Physics

New Orleans, Louisiana, June 4–7, 2012.

Symposium to honor the 70th birthdate of G.F. Bertsch

Institute for Nuclear Theory, University of Washington, Seattle, Washington, September 7-9, 2012.

The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots

Chernogolovka, Russia, September 10–14, 2012.*

International Conference on Nuclear Data for Science and Technology (ND2013)

New York City, New York, March 4–8, 2013.

Fourth Workshop on Nuclear Level Density and Gamma Strength

Oslo, Norway, May 27–31, 2013.

Frontiers of Quantum and Mesoscopic Thermodynamics 2013 (FQMT'13)
Prague, Czech Republic, July 29 – August 3, 2013.*

Workshops on Optical Lattice Emulators and Beyond and Multi-Component Many-Body Systems
Aspen Center for Physics, Aspen, Colorado, August 13 – 28, 2013.

*Fourth International Workshop on Compound Nuclear Reactions and Related Topics (CNR*13)*
Maresias, Brazil, October 7– 11, 2013.

Fourth Workshop on Nuclei and Mesoscopic Physics
Michigan State University, May 5–9, 2014.

Eleventh International Spring Seminar on Nuclear Physics
Ischia, Italy, May 12 – 16, 2014.

Conference on Computational Challenges in Nuclear and Many-Body Physics
Nordita, Stockholm, Sep. 15 – 19, 2014 (conference summary talk).

Workshop on Computational Challenges in Nuclear and Many-Body Physics
Nordita, Stockholm, September 22 – October 10, 2014.

Perspectives on Nuclear Data for the Next Decade
Bruyeres-le-Chatel, France, October 14 –17, 2014.

Quantum Chaos: Fundamentals and Applications
School of Advanced Sciences of Luchon, France, March 14 – 21, 2015.*

Fifth Workshop on Nuclear Level Density and Gamma Strength
Oslo, Norway, May 18–22, 2015.

14th International Conference on Nuclear Reaction Mechanisms
Varenna, Italy, June 15–19, 2015.

Frontiers of Quantum and Mesoscopic Thermodynamics (FQMT'15)
Prague, Czech Republic, July 27 – August 1, 2015.

*Fifth International Workshop on Compound Nuclear Reactions and Related Topics (CNR*15)*
Tokyo, Japan, October 19–23, 2015.

Light-Matter Interaction and Quantum Control in Many-Body Systems
Aspen Center for Physics, Aspen, Colorado, May 29 – June 18, 2016.

Statistical Properties of Nuclei
ECT*, Trento, Italy, July 11-15, 2016.

Frontiers in Nuclear Physics

KITP, UCSB, Santa Barbara, California, October 16 – 30, 2016.

INT program: Toward Predictive Theories of Nuclear Reactions Across the Isotopic Charts
Institute of Nuclear Theory, Seattle, Washington, February 27 – March 31, 2017.

SIGN 2017: International Workshop on the Sign Problem in QCD and Beyond
Institute of Nuclear Theory, Seattle, Washington, March 20 – 24, 2017.

Twelfth International Spring Seminar on Nuclear Physics
Ischia, Italy, May 15 – 19, 2017.

INT program: Neutrinoless Double-beta Decay
Institute of Nuclear Theory, Seattle, Washington, June 13 – July 14, 2017 (talk given by M. Mustonen).

Frontiers of Quantum and Mesoscopic Thermodynamics (FQMT'17)
Prague, Czech Republic, July 9–15, 2017.

Nuclear Structure and Reaction Theories: Building Together for the Future
GANIL, France, October 9 – 13, 2017 (talk given by P. Fanto).

15th Varenna Conference on Nuclear Reaction Mechanisms
Varenna, Italy, June 11–15, 2018.

Exploring Nuclear Physics with Ultracold Atoms
ECT*, Trento, Italy, June 18 – 22, 2018 (talk given by S. Jensen).

INT program: Advances in Monte Carlo Techniques for Many-Body Quantum Systems
Institute of Nuclear Theory, Seattle, Washington, July 30 – Aug. 11, 2018.

*Sixth International Workshop on Compound Nuclear Reactions and Related Topics (CNR*18)*
LBNL, Berkeley, California, September 24 – 28, 2018 (keynote talk).

Seventh Oslo Workshop on Nuclear Level Density and Gamma Strength
University of Oslo, Oslo, Norway, May 27 – 31, 2019.

Frontiers of Quantum and Mesoscopic Thermodynamics (FQMT'19)
Prague, Czech Republic, July 14 – 20, 2019.

Applications of Random-Matrix Theory to Many-Body Physics
Simons Center for Geometry and Physics, Stony Brook, USA, September 16 – 20, 2019.

Frontiers of Quantum and Mesoscopic Thermodynamics (FQMT'21)
Prague, Czech Republic, virtual, July 18 – 24, 2021.

Eighth workshop on Level Density and Gamma Strength
University of Oslo, Norway, May 9–13, 2022.*

Thirteen International Spring Seminar on Nuclear Physics

Ischia, Italy, May 15–20, 2022.*

Sixth Conference on Nuclei and Mesoscopic Physics (NMP22)

Michigan State University, East Lansing, Michigan, May 23 – 27, 2022.*

Frontiers of Quantum and Mesoscopic Thermodynamics (FQMT'22)

Prague, Czech Republic, July 31 – August 6, 2022.

Quantum Monte Carlo (QMC) in the Next Decade

Center for Computational Quantum Physics, Flatiron Institute, New York City, September 20 – 23, 2022.

16th Varenna Conference on Nuclear Reaction Mechanisms

Varenna, Italy, June 11 –16, 2023.

Workshop on Statistical Nuclear Physics in Astrophysics and Applications

Ohio University, Athens, Ohio, August 14 – 17, 2023.*

Seventh International Workshop on Compound Nuclear Reactions and Related Topics

Vienna, Austria, July 8 – 12, 2024 (keynote talk).*

Symposium in Honor of the 75th Anniversary of the Nuclear Shell Model and Maria Goeppert-Mayer.

Argonne National Laboratory and the University of Chicago, July 19 – 21, 2024 (talk given by D. DeMartini).

Frontiers of Quantum and Mesoscopic Thermodynamics (FQMT'24)

Prague, Czech Republic, July 21 – 27, 2024.

Quantum Few- and Many-Body Systems in Universal Regimes (INT-24-3)

Institute of Nuclear Theory, Seattle, Washington, October 21 – 25, 2024.

Seventh Conference on Nuclei and Mesoscopic Physics (NMP25)

Michigan State University, May 13 – 15, 2025 (talk given by S. Ramachandran).

*could not attend.