



## Conferences Organized

Miami topical conferences on elementary particles, astrophysics, and cosmology, annually in December, 2004-2018. BASIC 2018, 13-19 May and 1-14 July 2018, Long Island, The Bahamas.

The Great American Solar Eclipse Physics Conference, 19-21 August 2017, University of Missouri, Columbia.

BASIC 2017, 11-19 March 2017, Long Island, The Bahamas.

BASIC 2016, 7-12 January 2016, Long Island, The Bahamas.

Argonne Workshop on Branes and Generalized Dynamics, October 2003.

Argonne Summer Theory Institute: Topics in Non-Abelian Duality, June-July 1996.

NATO Advanced Research Workshop on Quantum Field Theory, Statistical Mechanics, Quantum Groups, and Topology, January 1991.

Argonne Workshop on Quantum Groups, April-May 1990.

## Seminars, Conferences, and Visits (since 1997)

- Co-organizer and participant, Miami 2018, 13-19 Dec 2018.
- Co-organizer, participant, and talk “Kinky Galileons”, BASIC 2018 workshop on solitons and instantons, 1-14 July 2018.
- Seminar, “Green functions and wormholes for beginners”, University of Missouri - Columbia, 6 June 2018.
- Co-organizer, participant, and talk, BASIC 2018, 13-18 May 2018.
- Co-organizer, participant, and talk, Miami 2017, 13-19 Dec 2017.
- Colloquium, “*Phase Space*”, Washington University, Saint Louis, Missouri, 6 December 2017.
- Co-organizer, The Great American Solar Eclipse Physics Conference, 19-21 Aug 2017.
- Seminar, Fontbonne University, St Louis, 12 May 2017.
- Seminar, IFT, U of Florida, Gainesville, 7 April 2017.
- Co-organizer, participant, and two talks, BASIC 2017, 12-18 Mar 2017.
- Co-organizer and participant, Miami 2016, 14-20 Dec 2016.
- Seminar, “Spin products”, Fontbonne University, St Louis, 6 September 2016.
- Participant and invited speaker, R D Field Symposium, U of Florida, Gainesville, 29 April 2016.
- Co-organizer, participant, and two talks, BASIC 2016, 7-12 Jan 2016.
- Co-organizer and participant, Miami 2015, 16-22 Dec 2015.
- Participant and seminar, “Galileons and Gravity”, STARS 2015, Havana, Cuba, 10-13 May 2015.
- Co-organizer and seminar, “Rotations as Spin Matrix Polynomials”, Miami 2014, 17-22 Dec 2014.
- Seminar, “Galileons and Gravity”, University of Groningen, 20 May 2014.
- Participant, Solvay Institute Workshop “Fast is Beautiful: Supersymmetry and Strings in a Null Frame” 14-15 May 2014, ULB, Brussels.
- Seminar, “Galileons and Gravity”, College of William and Mary, 15 April 2014.
- Participant, “50 Years of Quarks and Color”, University of Maryland – College Park, 11-12 April 2014.
- Visiting Scientist, Argonne National Lab., 13-18 March 2014.
- Co-organizer and participant, Miami 2013, 12-18 Dec 2013
- Participant, “Quark 50”, Caltech, 9-10 Dec 2013.
- Seminar, “Branched Hamiltonians and Supersymmetry”, Wigner Research Centre for Physics, 12 Nov 2013.
- Participant, “Wigner 111”, Hungarian Academy of Sciences, Budapest, 11-13 Nov 2013.
- Seminar, “Galileons and Gravity”, Washington University, St Louis, 17 Oct 2013.
- Seminar, “Galileons and Gravity”, University of Iowa, 26 July 2013.
- Visiting Scientist, Argonne National Lab., July 2013.
- Seminar, “Five Talks with Myron”, Bander Symposium, University of California - Irvine, 8 June 2013.
- Seminar, “Galileons Unchained”, University of Missouri - Columbia, 12 March 2013.

- Co-organizer and participant, Miami 2012, 13-20 Dec 2012.
- Seminar, “Galileons and Naked Singularities”, FAU, 14 November 2012.
- Participant and session chair, Solvay Institute Workshop “The Quantum Quest: A Fascinating Journey” 5-7 November 2012, ULB, Brussels.
- Participant, “Review of Discovery Physics Results from ICHEP”, Argonne National Lab., 17 July 2012.
- Visiting Scientist, Argonne National Lab., July 2012.
- Colloquium, “*Phase Space*”, Kansas University, Lawrence, 30 April 2012.
- Seminar, “Conjugation, Cycles and the C-theorem”, University of North Carolina, Chapel Hill, 20 March 2012.
- Colloquium, “*Phase Space*”, University of North Carolina, Chapel Hill, 19 March 2012.
- Co-organizer and participant, Miami 2011, 15-20 Dec 2011.
- Seminar, “Functional Composition, Conjugation, Cycles, and the C-theorem”, Vanderbilt University, 28 October 2011.
- Visiting Scientist, Center for Theoretical Physics, MIT, 16 August 2011.
- Seminar, “Functional Methods”, University of Iowa, 2 June 2011.
- Co-organizer and participant, Miami 2010, 14-19 Dec 2010.
- Seminar, “Functional Conjugation Methods: Renormalization Group”, Feza Gürsey Institute, Istanbul, 5 November 2010.
- Seminar, “Functional Conjugation Methods: Dynamical Systems”, Physics Dept., Boğaziçi University, Istanbul, 2 November 2010.
- Visiting Scientist, Physics Departments, Boğaziçi and Koç Universities, Istanbul, Turkey, 1-5 November 2010.
- Visiting Scientist, Physics Department, Mons University, Belgium, 25 October 2010.
- Seminar, “Potentials Unbounded Below”, Centro de ciencias de Benasque Pedro Pascual, Spain, 29 July 2010.
- Participant, *Supersymmetric Quantum Mechanics and Spectral Design*, Centro de ciencias de Benasque Pedro Pascual, 25-30 July 2010.
- Participant, *Non-Perturbative Techniques in Field Theory*, London Mathematical Society - EPSRC Durham Symposium, 18-25 July 2010.
- Participant, *Planck 2010: From the Planck Scale to the ElectroWeak Scale*, CERN, 31 May - 4 June 2010.
- Co-organizer and seminar, “Associativity, Jacobi, Bremner, and All That”, Miami 2009, 15-20 Dec 2009.
- Seminar, “Associativity, Jacobi, Bremner, and All That”, *QTS6*, University of Kentucky, 21 July 2009.
- Participant, *Quantum Theory and Symmetry 6*, University of Kentucky, 20-25 July 2009.
- Participant, Gravitational Wave Advanced Detector Workshop, 15-20 May 2009.
- Co-organizer and seminar, “Ternary Lie Algebras in Physics”, Miami 2008, 16-21 Dec 2008.
- Invited participant, Nambu Nobel Prize ceremony, University of Chicago, 10 December 2008.
- Co-organizer and participant, Miami 2007, 13-18 Dec 2007.
- Plenary talk, “Quasi-hermitian Liouville Theory”, City Univ. London, UK, 16 July 2007.
- Participant, 6th International Conf. on Quasi-hermitian Models, London, 16-18 July 2007.
- Seminar, “Quasi-hermitian Liouville Theory”, Univ. Liverpool, UK, 13 July 2007.
- Visiting Scientist, DAMTP, Univ. Cambridge, UK, 9-12 July 2007.
- Seminar, “Quasi-hermitian Liouville Theory”, Dublin Inst. Adv. Studies, Ireland, 27 June 2007.
- Seminar, “Quasi-hermitian Liouville Theory”, Univ. of York, UK, 11 June 2007.
- Grey College Fellow, Univ. Durham, UK, 31 May - 9 July 2007.
- Seminar, “Quasi-hermitian Quantum Mechanics”, Univ. Missouri, Columbia, 20 March 2007.
- Colloquium, “Quasi-hermitian Quantum Mechanics”, Univ. Missouri, St Louis, 16 March 2007.
- Co-organizer and seminar, “Quasi-hermitian QM in Phase Space”, Miami 2006, 13-17 Dec 2006.
- Seminar, “Biorthogonal Quantum Systems”, Univ. Minnesota, Minneapolis, 26 Nov 2006.
- Seminar, “Biorthogonal Quantum Systems”, Univ. Illinois, Chicago, 19 Oct 2006.
- Seminar, “Biorthogonal Quantum Systems on Supermanifolds”, *ICGTMP26*, CUNY, 26 June 2006.
- Seminar, “Quasi-hermitian solvable models”, E Schrödinger Institute, Vienna, 19 June 2006.
- Seminar, “Quasi-hermitian solvable models”, *ISQS-15*, Prague, 15 June 2006.
- Seminar, “Imaginary Liouville Theory”, IAS, Princeton, 24 Feb 2006.
- Co-organizer and participant, Miami 2005, 14-18 Dec 2005.
- Participant, Aspen Center for Physics, June-July 2005.
- Feynman letters panel discussion, Chicago Public Library, 12 May 2005.
- Co-organizer and participant, Miami 2004, 15-19 Dec 2004.
- Seminar, “Evolving branes with generalized dynamics”, Global Foundation Conf, 17-21 Dec 2003.
- Seminar, “Some ‘Recent’ Developments in Time Evolution”, University of Virginia, 26 Mar 2003.
- Participant, “Pierre Fest”, University of Florida, Gainesville, 1-2 Feb 2003.
- Seminar, “Quantizing Dirac and Nambu brackets”, Global Foundation Conf, 11-14 Dec 2002.
- Seminar, “Superintegrability, Deformation Quantization, and Nambu Dynamics”, LP THE, U. Paris, 3 Oct 2002.
- Participant, “Fête Cremmer-Gervais”, Lab de Physique Théorique de l’Ecole Normale Supérieure, Paris, France, 30 Sept - 1 Oct 2002.
- Visiting Scientist, Department of Mathematical Sciences, Durham University, UK, 25-28 Sept 2002.
- Seminar, “Nambu dynamics, deformation quantization, and superintegrability”, Workshop on Superintegrability in Classical and Quantum Systems, Centre de recherches mathématiques, Université de Montréal, 16-21 Sept 2002.
- Seminar, “Quantization of Superintegrable Systems”, Feynman Festival, U of Maryland, 23-28 Aug 2002.
- Visiting Scientist, The Enrico Fermi Institute, University of Chicago, Aug 2002.
- Visiting Scientist, Argonne National Lab., Aug 2002.

- Colloquium, “Phase-space, E-time, and Super-integrability”, Florida Atlantic University, 18 Jan 2002.
- Seminar, “Areal Theory”, Global Foundation Conf, 12-16 Dec 2001.
- Colloquium, “Phase-space, E-time, and Super-integrability”, University of Florida, 29 Nov 2001.
- Participant, “JHS/60” Conference, California Institute of Technology, Pasadena, CA, 3-4 Nov 2001.
- Plenary talk, “An Eclectic Survey of Wigner Functions and Deformation Quantization”, 24 August 2001.
- Participant, “7th International Wigner Symposium”, August 24-29, 2001.
- Participant, “ANL Theory Institute 2001: From Supersymmetry To Extra Dimensions”, June 17-29, 2001.
- Visiting Scientist, Argonne National Lab., June-July 2001.
- Seminar, “Duality and Time”, Orbis Scientiae, 15 December 2000.
- Participant, Global Foundation “Orbis Scientiae” Conference, Ft Lauderdale, FL, December 2000.
- Seminar, “Duality and Time”, ANL, 26 June 2000.
- Visiting Scientist, Argonne National Lab., June 2000.
- Participant, Aspen Center for Physics, June 2000.
- Participant, “String Theory at the Millenium”, Caltech, January 2000.
- Seminar, “Schrödinger’s Cataplex”, Orbis Scientiae, 17 December 1999.
- Participant, Global Foundation “Orbis Scientiae” Conference, Ft Lauderdale, FL, December 1999.
- Visiting Scientist, Argonne National Lab., May and October 1999.
- Participant, Global Foundation “Orbis Scientiae” Conference, Ft Lauderdale, FL, December 1998.
- Visiting Scientist, Argonne National Lab., August 1998.
- Seminar, “Features of Time Dependent Wigner Functions”, ANL, 25 August 1998.
- Visiting Scientist, Fermilab, June-July 1998.
- Participant, Global Foundation “Orbis Scientiae” Conference, Miami Beach, FL, December 1997.
- Participant, Leaders Conference, University of Missouri, October 1997.
- Visiting Scientist, Argonne National Lab., June 1997.
- Seminar, “Extrinsic Geometry, Quantum Effects, and Renormalization of the Dual Sphere”, UIC, 16 June 1997.
- Participant, Supersymmetry and Integrable Models Workshop, University of Illinois at Chicago, June 1997.