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## TALKS, COLLOQUIA, SEMINARS

(December 18, 2017)

### Invited Talks at Meetings

1. *Experimental Workshop*, Niels Bohr Institute, Copenhagen, May 1983
2. *Nuclear Structure 1985*, Niels Bohr Centennial Conference, Copenhagen, May 1985
3. *Symposium on Electromagnetic Properties of High Spin Nuclear States*, Stockholm, June 1985
4. *Meeting 'Nuclear Shapes'*, Liverpool, June 1985
5. *International Conference 'Nuclear Structure, Reactions and Symmetries'*, Dubrownik, Jugoslavia, June 1986
6. *International Conference 'Nuclear Structure Through Static and Dynamic Moments'*, Melbourne, Australia, August 1987
7. *Daresbury Study Weekend*, Daresbury, England, October 1987
8. *Stockholm Mini Workshop on  $A \approx 130$  Nuclei*, Stockholm, March 1988
9. *International Workshop on Nuclear Structure of the Zr Region*, Bad Honnef, W. Germany, April 1988
10. *Niels Bohr Institute Workshop*, Copenhagen, May 1988
11. *International Conference on Contemporary Topics in Nuclear Structure Physics*, Cocoyoc, Mexico, June 1988
12. *Lund Workshop on Nuclei from the  $A \approx 180$  Mass Region*, Lund, Sweden, August 1988
13. *XX International Summer School on Nuclear Physics*, Mikołajki, Poland, September 1988
14. *Nuclear Physics at the Red Sea, Europhysics Study Conference*, Eilat, Israel, January 1989

15. *Workshop on Nuclear Structure at High Spins*, Bad Honnef, West Germany, March 1989
16. *5th National Postgraduate Nuclear Physics School*, York, England, September 1989
17. *Nuclear Structure at High Spin*, Copenhagen, Denmark, October 1989
18. *The IOP Half-day Meeting*, Liverpool, England, February 1990
19. *28th Spring School*, Holzhau, East Germany, April 1990
20. *Nuclear Structure in the Nineties*, Oak Ridge, TN, USA, April 1990
21. *XXV Zakopane School on Physics*, Zakopane, Poland May 1990
22. *First Lanzhou Summer School on Physics*, Lanzhou, China, May-June 1990
23. *Predeal International Summer School*, Predeal, Romania, September 1990
24. *International Conference on High Spin Physics and Gamma-Soft Nuclei*, Pittsburgh, PA, USA, September 1990
25. *Annual Meeting Between Nuclear Physicists and Astrophysicists*, Brussels, Belgium, November-December 1990
26. *The NUPP Meeting*, Wagga-Wagga, Australia, February 1991
27. *Future Directions in Nuclear Physics with  $4\pi$  Gamma Detection Systems of the New Generation*, Strasbourg, France, March 1991
28. *1991 Spring Meeting of The American Physical Society*, Washington, DC, USA, April 1991
29. *Wetherill Symposium on Nuclear Superdeformation*, Philadelphia, PA, USA, May 1991
30. *NBI School on New Experimental Techniques in Gamma-Ray Spectroscopy*, NBI, Copenhagen, Denmark, May 1991
31. *Nuclear Shapes and Nuclear Structure at Low Excitation Energies*, Cargèse, France, June 1991

32. *Nuclear Chemistry Gordon Conference*, New London, NH, USA, June 1991
33. *ESF European Research Conference on Nuclear Physics: Nuclear Shapes*, Lake Balaton, Hungary, September 1991
34. *International School of Nuclear Physics, 13th Course:  $4\pi$ -High Resolution Gamma Ray Spectroscopy*, Erice, Italy, September 1991
35. *International Symposium on Reflections and Directions in Low Energy Heavy-Ion Physics*, Oak Ridge, USA, October 1991
36. *Workshop on Nuclear Deformations*, Oak Ridge, USA, October 1991
37. *International Conference on Nuclear Structure at High Angular Momentum*, Ottawa, Canada, May 1992
38. *7<sup>th</sup> Nordic Meeting on Nuclear Physics*, Vigsø, Denmark, August 1992
39. *Int. Seminar on the Frontier of Nuclear Spectroscopy*, Kyoto, Japan, October 1992
40. *21st Int. Symposium on Rapidly Rotating Nuclei 1992*, Tokyo, Japan, October 1992
41. *Riken Symposium on Nuclear Spectroscopy with Unstable Nuclear Beams*, Riken, Japan, November 1992
42. *Nuclear Physics of Our Times*, Sanibel Is., Florida, USA, November 1992
43. *Requiem for an Accelerator*, Daresbury Study Weekend, Daresbury, U.K., March 1993
44. *Perspectives in Nuclear Physics*, Niels Bohr Institute, Copenhagen, Denmark, June 1993
45. *Workshop on Nuclear Spectroscopy at the New Arrays*, Lund, Sweden, June 1993
46. *Nuclear Chemistry Gordon Conference*, New London, NH, U.S.A., July 1993
47. *The 23<sup>rd</sup> Summer School on Nuclear Physics*, Piaski, Poland, August 1993

48. *Seventh National Postgraduate Nuclear Physics Summer School*, St. Andrews, U.K., September 1993
49. *Eight Int. Symposium on Capture Gamma-Ray Spectroscopy and Related Topics*, Fribourg, Switzerland, September 1993
50. *Large Amplitude Collective Motion*, Institute for Nuclear Theory, Seattle, October 1993
51. *HRIBF Summer Program*, ORNL, Oak Ridge, July 1994
52. *Summer Institute in Theoretical Physics, Theoretical Approaches to Nuclear Structure*, Kingston, Ontario, Canada, July 1994
53. *Conference on Physics from Large Gamma-ray Detector Arrays*, Berkeley, California, August 1994
54. *Third Nordic Summer School in Nuclear Physics*, Falsterbo, Sweden, August 1994
55. *SELMA 94: New Nuclear Structure Phenomena in the Vicinity of Closed Shells*, Stockholm, Sweden, August-September 1994
56. *XXIX Zakopane School of Physics: Trends in Nuclear Physics*, Zakopane, Poland, September 1994
57. *CAM'94 Physics Meeting of American, Canadian, and Mexican Physical Societies*, Cancun, Mexico, September 26-30, 1994
58. *Research Opportunities with Secondary Beams at ATLAS*, Argonne National Laboratory, January 13-14, 1995
59. *Theory Workshop on Pairing Forces*, Argonne National Laboratory, June 26-30, 1995
60. *Data Analysis School*, Niels Bohr Institute, Denmark, August 15-16, 1995
61. *High Angular Momentum Phenomena Workshop*, Piaski, Poland, August 23-26, 1995
62. *XXIV Mazurian Lakes School of Physics*, Piaski, Poland, August 27 - September 3, 1995
63. *Topical Workshop on Electron Spectroscopy in Actinides*, Warsaw, Poland, September 4-6, 1995

64. *Workshop on Structure far from Stability and Astrophysics with SPIRAL*, GANIL, France, September 11-12, 1995
65. *Workshop on Gammasphere Physics*, LBL, California, December 1-2, 1995
66. *Joint Japan-US Seminar on Clustering Phenomena in Nuclear and Mesoscopic Systems*, December 14-16, 1995 Honolulu, Hawaii.
67. *Symposium on Research with Radioactive Nuclear Beams*, PACIFICHEM'95, December 20-22, 1995 Honolulu, Hawaii
68. *PEX Workshop*, NBI, May 6-7, 1996, Risoe, Denmark.
69. *The Nordita study weekend on Euroball physics*, NBI, May 9-11, 1996, Copenhagen, Denmark.
70. *ETC\* Workshop on Structure of Nuclei far from Beta Stability*, May 20-31, 1996, Trento.
71. *Belgian Physical Society General Scientific Meeting*, June 6-7, 1996, Brussels, Belgium.
72. *Midsummer Workshop on Nuclear Physics*, June 26-29, 1996, Jyväskylä, Finland.
73. *Workshop on the Science and Operation of Gammasphere at ATLAS*, July 27, 1996, Argonne, Illinois.
74. *International School of Nuclear Physics on  $4\pi$  High-Resolution Gamma Ray Spectroscopy and Nuclear Structure*, September 16-24, 1996, Erice, Italy.
75. *1996 Fall Meeting of the APS Division of Nuclear Physics*, Plenary talk, October 2-5, 1996, Cambridge, Massachusetts, USA.
76. *Holifield Radioactive Ion Beam Facility Dedication*, December 13, 1996, Oak Ridge, Tennessee, USA.
77. *Institute for Nuclear Theory program on Tunneling in Complex Systems*, INT-97-1, March 8-14, 1997, Seattle, Washington, USA.
78. *Workshop on the Physics using Compound-Nucleus Separators*, April 10-12, 1997, Lawrence Berkeley National Laboratory, Berkeley, California, USA.

79. *1997 APS/AAPT + CAM97 Spring Meeting*, April 18-21 1997, Washington, D.C.
80. *International Symposium on Exotic Nuclear Shapes*, May 12-17, 1997, Debrecen, Hungary.
81. *Sixth International Conference on Nucleus-Nucleus Collisions*, June 2-6, 1997, Gatlinburg, Tennessee, USA.
82. *Workshop on the Science for an Advanced ISOL Facility*, July 30-August 1, 1997, Columbus, Ohio, USA.
83. *Ninth Annual NSF-DOE Summer School*, August 4-19, 1997, Yale University, New Haven, Connecticut, USA.
84. *XXV Mazurian Lakes School of Physics*, August 27 - September 6, 1997, Piaski, Poland.
85. *From Polonium and Radium to Exotic and Superheavy Nuclides*, September 6, 1997, Warsaw, Poland.
86. *Ninth National Postgraduate Nuclear Physics Summer*, August 31 - September 13, 1997, Nottingham, UK.
87. *Int. Conf. on Fission and Properties of Neutron-Rich Nuclei*, November 10-15, 1997, Sanibel Island, Florida.
88. *Frontiers in Nuclear Physics, 11th Summer School, Australian National University*, 12-30 January 1998, Canberra, Australia.
89. *Joint Study Weekend HALO'98*, 3-5 April 1998, Lisbon, Portugal
90. *ENAM'98*, 23-27 June 1998, Bellaire, Michigan USA.
91. *ANL Theory Institute*, August 3-7, 1998, Argonne, USA.
92. *Nuclear Structure'98*, August 10-15, 1998, Gatlinburg, TN, USA.
93. *INPC98*, August 24-29, 1998, Paris, France.
94. *6th RIKEN-Workshop on Physics of RI-Beam Factory*, November 16-18, 1998, RIKEN, Japan (opening talk + 5 shorter talks)
95. *NBI/Lund Workshop*, December 14, 1998, Risø, Denmark

96. *IX Escola de Verao "Jorge André Swieca"*, University of Sao Paulo, January 26-31, 1999, Sao Paulo, Brazil
97. *Centennial Meeting of APS*, March 21-24, 1999, Atlanta, Georgia, USA
98. *Nuclear Structure Physics Near the Coulomb Barrier: Into the 21st Century*, June 10-12, 1999, Yale University, New Haven, USA
99. *1999 Gordon Conference on Nuclear Chemistry*, June 13-18, 1999, New London, NH, USA
100. *International Conference on Fission and Neutron-Rich Nuclei*, June 28 - July 3, 1999, St. Andrews, Scotland
101. *9th Jyväskylä International Summer School*, August 2-7, 1999, Jyväskylä, Finland
102. *XXVI Mazurian Lakes School of Physics*, 1-11 September 1999, Krzyże, Poland
103. *International Symposium on Proton-emitting Nuclei*, October 7-9, 1999, Oak Ridge, U.S.A.
104. *TRIUMF-ISAC Scientific Symposium*, December 12, 1999, Vancouver, B.C., Canada.
105. *RNB2000 Conference*, April 2-8, 2000, Divonne, France.
106. *International Symposium on Exotic Nuclear Shapes*, May 15-20, 2000, Debrecen, Hungary
107. *BOLOGNA 2000 - Structure of the Nucleus at the Dawn of the Century*, May 29 - June 3, 2000, Bologna, Italy
108. *VII Hispalensis International Summer School*, June 11-23, 2000, Alcala de Guadaira, Spain
109. *Nuclear Structure 2000*, August 15-19, 2000 East Lansing, Michigan
110. *International School on Nuclear Physics; 22nd Course: Radioactive Beams for Nuclear and Astro Physics*, September 16 - 24, 2000, Erice, Italy
111. *Euro Summer School on Exotic Beams*, August 31 - September 8, 2000, Leuven, Belgium

112. *2000 Fall Meeting of the APS Division of Nuclear Physics*, RIA Workshop, October 4-7, 2000, Williamsburg, Virginia, USA.
113. *GSI Workshop on its Future Facility*, October 18-20, 2000, Darmstadt, Germany
114. *Town Meeting on Nuclear Structure*, November 9-12, 2000, Oakland, California
115. *Nuclear Structure for the XXI Century*, INT-00-3 Program, Nov. 13-17, 2000, Seattle, Washington
116. *Nuclear Structure for the XXI Century*, INT-00-3 Program, Dec. 4-8, 2000, Seattle, Washington
117. *High-Spin Physics 2001*, Feb. 6-10, 2001, Warsaw, Poland
118. *High-Spin Physics 2001*, Feb. 6-10, 2001, Warsaw, Poland
119. "Theoretical Challenges far from Stability", *Muon Workshop*, ECT\*, May 22-26, 2001, Trento, Italy
120. "Theory of Neutron-Rich Nuclei", *7th International Spring Seminar on Nuclear Physics, "Challenges of Nuclear Structure"*, May 27-31, 2001, Maiori, Italy
121. "Concluding Remarks", *Physics and Chemistry of Superheavy Elements*, ECT\*, July 9-14, 2001, Trento, Italy
122. "Rare Isotope Accelerator, Theoretical Challenges", *YKIS01 Physics of Unstable Nuclei*, November 5-10, 2001, Kyoto, Japan
123. "Nuclear Structure: Theoretical Challenges", *Radioactive Beam Research: Status and Future in a Fifty-Year Perspective*, November 23-24, 2001, Copenhagen, Denmark
124. "Prospects for New Science with EM Devices", *The 14th EMIS Conference, Victoria, BC*, May 6-10, 2002.
125. "Shell-Model Description of Weakly Bound Nuclei", *ICNS2002, "Mapping the Triangle"*, Jackson Lake Lodge, Grand Teton National Park, Wyoming, USA, May 22-25, 2002



126. "Challenges in Nuclear Structure Physics", *Workshop on the 'Future of Gamma-ray Spectroscopy'*, the 2002 Fall Meeting of the Division of Nuclear Physics of the American Physical Society, East Lansing, October 9, 2002
127. "Challenges For Nuclear Structure Research With Gamma-Ray Detectors", *The Nuclear Many-body System : Exploring the Limits*, Ghent University, Ghent, Belgium, October 23-25, 2002
128. "Physics of Neutron-Rich Nuclei," *Third Conf. on Fission and Neutron-Rich Nuclei*, Sanibel, Florida, Nov. 3-9, 2002
129. "Structure of Radioactive Nuclei," *REX-ISOLDE Physics Workshop and ISOLDE Users Meeting*, CERN, Geneva, Switzerland, December 16-18, 2002
130. "Nuclear structure at the limits," *Hirschegg 2003 Workshop, Nuclear Structure and Dynamics at the Limits*, Hirschegg, Austria, January 12-18, 2003
131. "Structure of Exotic Nuclei," *Glenn T. Seaborg Award Symposium*, 225th ACS Meeting, New Orleans, LA, March 24, 2003.
132. "Structure Models for the Physics of Radioactive Beams", *307.WE-Heraeus Workshop on Relativistic structure models for the physics of radioactive nuclear beams*, Physikzentrum Bad Honnef, Germany, 12-16 May 2003,
133. "Summary Talk: Open Questions", *International workshop on isoscalar and isovector pairing*, Stockholm, Sweden, May 18-20, 2003.
134. "Structure of Exotic Nuclei", *Symposium on Rare Isotopes and Accelerators*, MSU, May 21-22, 2003.
135. "Structure of Heavy Nuclei", Lectures series at ECT\* Doctoral Training Programme, July 14-18, ECT\*, Trento, Italy
136. "Proton Emitters - Theoretical Developments", *HRIBF workshop on Decay Spectroscopy*, August 18-19, Oak Ridge, TN
137. "Recent progress in modeling exotic nuclei", XXVIII Mazurian Lakes Conference on Physics *Atomic Nucleus as a Laboratory for Fundamental Processes*, Krzyze, Poland, August 31-September 7, 2003

138. "RIA Theory", Workshop of the RIA Theory Working Group, 2-3 November, 2003, Westwardlook Resort, Tucson, AZ
139. "Microscopic Nuclear Structure Relevant to Nuclear Astrophysics", Int. Symp. on *Origin of Matter and Evolution of the Galaxies*, RIKEN, Wako, Saitama, Japan, November 17-19, 2003.
140. "Structure of Exotic Nuclei", International Symposium *A New Era of Nuclear Structure Physics*, Niigata, Japan, November 19-22, 2003.
141. "Remarks by the Chair of the RIA Steering Committee", *RIA Facility Workshop*, NSCL/MSU, East Lansing, March 9-13, 2004
142. "Description of weakly bound or unbound nuclear states", International Conference on *Nuclear Physics, Large And Small*, Cocoyoc, Morelos, Mexico April 19-22, 2004.
143. "Towards the Universal Nuclear Energy Density Functional", *3rd CNS International Summer School (CISS04)*, RIKEN, Wakoshi, Japan, August 17-20, 2004.
144. "Nuclear Structure Overview", RIA Theory Group meeting, Chicago, October 31, 2004.
145. "Structure of Superdeformed Nuclei", INT-04-3, Seattle, November 11, 2004.
146. "Unified description of bound and unbound nuclear states", INFN Workshop on Structure and Reactions of Exotic Nuclei, Pisa, February 24-26, 2005.
147. "Physics of Exotic Nuclei", New Trends in Nuclear, Atomic and Molecular Physics, Heidelberg, 11-12 March, 2005
148. "Super-Heavy Elements: Theoretical Perspective", APS April Meeting, Tampa, April 19, 2005.
149. "Science of Rare Isotope Accelerator (RIA) and the Project Status", Particle Accelerator Conference PAC'05, Knoxville, TN, May 16-20, 2005.
150. "Self-consistent Studies of the Heavy and Superheavy Nuclei", RIKEN RIBF International Workshop, Wakoshi, Japan, May 24-26, 2005.

151. "Concluding Remarks", YITP Workshop on New Developments in Nuclear Self-Consistent Mean-Field Theories Yukawa Institute for Theoretical Physics, Kyoto, Japan May 30 - June 1, 2005.
152. "Perspectives on nuclear structure: Understanding complex systems", Nuclear Physics Gordon Conference, July 10-15, 2005, Bates College Lewiston, ME.
153. "Structure of Exotic Nuclei", NSCL User Workshop 2005, August 18-20, 2005, East Lansing, MI.
154. "Impressions and closing remarks", XXIX Mazurian Lakes Conference on Physics, Piaski, Poland, August 30-September 6, 2005.
155. "(i) Nuclear DFT and Maximum-Spin States, (ii) Microscopic Leptodermous Expansion", INT Workshop Towards a Universal Density Functional for the Nucleus, Seattle, September 26-30, 2005
156. "The scientific case for EURISOL", EURISOL Design Study Town Meeting, Caen, France, November 28-29, 2005.
157. "Perspectives on nuclear structure theory," The 231st ACS National Meeting, Atlanta, GA, March 26-30, 2006, 21st Century Radiochemistry Opportunities: A Symposium Highlighting Nuclear Science Workforce Needs.
158. "The Questions for 500 Million Dollars", NSCL User Workshop, MSU, East Lansing, May 31-June 1, 2006.
159. "Nuclear Structure'06: Questions and Challenges", Jefferson Lab Users Group Meeting, Newport News, VA, June 12-14, 2006.
160. "Nuclei as open quantum many-body systems", JUSTIPEN Opening Meeting, RIKEN, Wako, Japan, July 10-11, 2006.
161. "Modern Approaches to Fission", Workshop on Nuclear Physics and Related Computational Science R&D for Advanced Fuel Cycles, Bethesda, Maryland, August 10-12, 2006
162. "Theoretical Perspectives", GRETINA/GRETA Physics Working Group workshop on "The Future of Gamma-Ray Spectroscopy", Tallahassee, FL, August 17-18, 2006
163. "Structure of Exotic Nuclei", Erice School on Nuclear Physics 2006, Erice, Sicily, September 16-24, 2006

164. "The atomic nucleus: a finite open quantum many-body system", Symposium on "Cross talks in the physics of many body systems", Institut Henri Poincare, Paris, Dec. 6-8, 2006.
165. "Theoretical Challenges in the Physics of Nuclei," DNP Town Meeting on Nuclear Astrophysics/Study of Nuclei, Chicago, IL, January 19-21, 2007.
166. "Theoretical Description of the Fission Process", 2007 Stewardship Science Academic Alliance Symposium, Washington, DC, Feb. 6, 2007.
167. "Memories of my collaboration with Tore Berggren", Workshop on "Many-body open quantum systems: From atomic nuclei to quantum dots," ECT\* Trento, Italy, 14-18 May, 2007.
168. "Panel Discussion" (led together with A. Richter), Workshop on "Many-body open quantum systems: From atomic nuclei to quantum dots," ECT\* Trento, Italy, 14-18 May, 2007.
169. "Density Functional Theory: Summary and goals for year 2", UNEDF Annual Meeting, Pack Forest, WA, August 13-16, 2007.
170. "Remembrance of Ziemek Sujkowski", 30th Mazurian Lakes Conference, Piaski, Poland, Sep. 2-7, 2007.
171. "Nuclear DFT: questions and challenges", First FIDIPRO-JSPS Workshop On Energy Density Functionals In Nuclei, Keurusselka, Finland, October 25-27, 2007.
172. "Nuclear Structure '07: Exciting, Broad, Relevant," Fourth International Conference on Fission and Properties of Neutron-Rich Nuclei, Sanibel Island, Florida, Nov 11-17, 2007.
173. "Computing Atomic Nuclei", IOP Annual Nuclear Physics Group Conference, Liverpool, UK, April 1, 2008.
174. "Science of rare isotopes: connecting nuclei with the universe", plenary talk, 2008 APS April Meeting St. Louis, Missouri, April 12, 2008.
175. "Designer nuclei: connecting the femtoworld with the universe", Carnegie Public Lecture, University of the West of Scotland, Paisley, April 28, 2008.

176. "Concluding Remarks", Carnegie 2008 Conference on Nuclear Structure at the Extremes, UWS, Paisley, May 10, 2008.
177. "Theory of neutron-rich nuclei and nuclear radii", Lead Radius Experiment (PREX) Workshop and Neutron Rich Matter in the Heavens and on Earth, Jefferson Lab, Newport News, VA, Aug. 17-19, 2008.
178. "Computing atomic nuclei", Zakopane Conference on Nuclear Physics, Zakopane, Poland, Sep. 1-4, 2008.
179. "Introduction to ENAM'2008", 15th Euroschool on Exotic Beams 15th Euroschool on Exotic Beams, Piaski, Poland, Sep. 5, 2008.
180. "Summary Talk", The Fifth International Conference on Exotic Nuclei and Atomic Masses ENAM'2008, Ryn, Poland, Sep. 7-15, 2008.
181. "Joe Hamilton and his impact on theory and the science of rare isotopes," Vanderbilt Symposium to honor Professor Joseph Hamilton for completing the 50-year milestone in his career at Vanderbilt University, Nashville, Tennessee, Oct. 2-3, 2008.
182. "Applications of the Density Functional", 5th ANL/MSU/JINA/INT FRIB Workshop on Bulk Nuclear Properties, MSU, East Lansing, USA, November 19-22, 2008
183. "Nuclei as open quantum many body systems" (six lectures), 20th Chris Engelbrecht Summer School in Theoretical Physics, National Institute for Theoretical Physics, Stellenbosch, Western Cape, South Africa, 19-28 January 2009.
184. "Nuclear Structure Theory", National Nuclear Physics Summer School, MSU, June 28-July 10, 2009.
185. "Discussion and concluding remarks", Workshop on Structure and astrophysics from nuclear reactions with exotic nuclei, University of the West of Scotland, Paisley, July 15 2009.
186. "Frontiers of nuclear physics", keynote talk, W. Nazarewicz, The 10th International Conference on Nucleus-Nucleus collisions, Beijing, China, Aug. 16-21, 2009.
187. "Microscopic description of nuclear fission", W. Nazarewicz, Meeting on Scientific Grand Challenges in National Security: The Role of Computing at the Extreme Scale, Washington D.C., Oct. 6-8, 2009.

188. "Welcome and Introduction to the Superheavy Elements", W. Nazarewicz, One-Day Workshop On Nuclear Structure and Reactions, Oak Ridge, TN, Nov. 16, 2009.
189. "Open Quantum Systems" (5 lectures), W. Nazarewicz, Winter School on Topics in Nuclear Many-Body Theory, Gålå, Norway, January 4-9, 2010.
190. "Microscopic Description of the Fission Process", W. Nazarewicz, 2010 SSAA Symposium, Washington, DC, Jan. 20-22, 2010.
191. "Fission Barriers of Compound Superheavy Nuclei", W. Nazarewicz, APS April Meeting 2010, Washington, DC, February 13-17, 2010.
192. "Frontiers in nuclear structure theory from a FAIR perspective," W. Nazarewicz, Nordic Winter Meeting on Physics @ FAIR, Björkliden, Sweden, March 22-26, 2010
193. "Pairing in nuclear systems; observables, phenomenology and microscopic calculations", W. Nazarewicz, Workshop on Superfluidity in nuclear matter, finite nuclei and ultra-cold fermion gases,, Espace de Structure Nucléaire Théorique at Saclay, May-June 2010
194. "Concluding Remarks", W. Nazarewicz, One-day Workshop on Recent Results in Nuclear Physics, UWS, Paisley, June 9, 2010
195. "Computing atomic nuclei", W. Nazarewicz, Fall 2010 ACS National Meeting, Boston Convention & Exhibition Center, August 2010.
196. "Information content of a new observable", W. Nazarewicz, Aizu-JUSTIPEN-EFES Symposium on "Cutting-Edge Physics of Unstable Nuclei", University of Aizu (Aizu-Wakamatsu, Japan), November 10-13, 2010
197. "Computing exotic nuclei", W. Nazarewicz, International Symposium on "New Faces of Atomic Nuclei", Okinawa Institute of Science and Technology (OIST), Okinawa, Japan, November 15-17, 2010
198. "Science Overview - Needs for Large Collaborations in Nuclear Theory", W. Nazarewicz, FUSTIPEN Inauguration Meeting, GANIL, Caen, France, Jan. 18, 2011.
199. "Frontiers of nuclear physics", W. Nazarewicz, IOP Nuclear and Particle Physics Divisional Conference, University of Glasgow, Glasgow, UK, 4-7 April 2011.

200. "Introduction to Nuclear Structure Theory", W. Nazarewicz, International Workshop on Nuclear Physics, Stellenbosch Institute for Advance Study, Stellenbosch, South Africa, May 16-27, 2011.
201. "Complex-energy shell model description of light nuclei", Nuclear Many-Body Open Quantum Systems: Continuum and correlations in light nuclei, ECT\* Trento, Italy, 6-10 June 2011.
202. "Year 5 Deliverables/Plans - DFT Applications", UNEDF Annual Meeting, Henry Center, MSU, East Lansing, MI, June 21-24, 2011.
203. "UNEDF: Building Nuclei from the ground up", INT 11-2a program "Extreme Computing and its Implications for Nuclear Physics/Applied Mathematics/Computer Science Interface", INT Seattle, July 7, 2011.
204. "Designer Nuclei And How to Use Them", Oak Ridge Institute for Continued Learning (ORICL), Roane State Community College, Oak Ridge, July 11, 2011.
205. "Physics with Rare Isotope beams, an overview", Tenth Exotic Beam Summer School - EBSS2011, NSCL/MSU, July 25-30, 2011.
206. "Theoretical nuclear physics" (4 lectures), The 16th UK Nuclear Physics Postgraduate Summer School, St Andrews, Scotland, UK, Sep. 3-6, 2011.
207. "Challenges in Computational Nuclear Structure," Symposium on Frontier Issues in Physics of Exotic Nuclei (YKIS2011), Yukawa Institute for Theoretical Physics, Kyoto, Japan, October 14, 2011.
208. "Microscopic description of fission process within the Nuclear Density Functional Theory", Topical Meeting on "Theory of Nuclear Fission", GANIL, Caen, France. January 4-6, 2012.
209. "Microscopic Description of Fission Process", 2012 SSAA Symposium, Washington DC, Feb. 22-23, 2012.
210. "The limits of the nuclear landscape", APS April Meeting 2012, Atlanta, GA, March 31-April 3, 2012.
211. "Information content of a nuclear observable and systematic and statistical errors of nuclear DFT", Inter-collaboration meeting, CEA Saclay, France, April 10-11, 2012.

212. "Theory, a Summary", FUSHE 2012: ENSAR-ECOS Workshop on FUTURE SuperHeavy Element Strategy, Erismühle-Weilrod, Germany, May 13-16, 2012.
213. "Nuclear structure approaches for the 21st century", Conference on Horizons of Innovative Theories, Experiments, and Supercomputing in Nuclear Physics, New Orleans, Louisiana June 4-7 (2012).
214. "Atomic Nuclei: Many-Body Open Quantum Systems", Nobel Symposium NS 152 - Physics with Radioactive Beams, Gothenburg, Sweden, June 10-15 (2012).
215. "Frontiers and Challenges in Nuclear Theory", Low Energy Community Meeting, Argonne National Lab, August 17, 2012.
216. "Microscopic Description of Fission Process", International Symposium ENSFN'12, University of Tokyo, Oct. 10-12, 2012.
217. "The nuclear landscape: theoretical perspective", ICFN5, Sanibel Island, FL, Nov. 4-10, 2012.
218. "Nuclear Density Functional Theory in NUCLEI", NUCLEI: Kickoff Meeting 2012, INT Seattle, Jan. 17, 2013.
219. "SHE: Theoretical perspective", workshop focused on future studies of super-heavy nuclei at the SHE Factory, TAMU, College Station, TX, March 12-13, 2013.
220. "Why CREX After PREX", Calcium Radius Experiment (CREX) Workshop at Jefferson Lab, Thomas Jefferson National Accelerator Facility, Newport News, VA, March 17-19, 2013.
221. "Nuclear Open Systems", INT Program INT-13-1a, Computational and Theoretical Advances for Exotic Isotopes in the Medium Mass Region, INT, Seattle, WA, April 5, 2013.
222. "Theory of nuclear ground state properties", X International Workshop on Application of Lasers and Storage Devices in Atomic Nuclei Research, Poznań, Poland, May 13-16, 2013.
223. "Low Energy Nuclear Structure and Nuclear Astrophysics", IUPAP WG.9 Nuclear Science Symposium, INFN - LNF, Rome, May 31, 2013.
224. "The limits of the nuclear landscape", Nordic Physics Days, Lund University, 12-14 June 2013



225. "Nuclear Theory and Stability: The Role of Livermorium and Flerovium", Celebrating Livermorium, LLNL, June 24, 2013.
226. "Introductory Remarks", Workshop on Information and Statistics in Nuclear Experiment and Theory, University of Glasgow, 19-20 August, 2013.
227. "Frontiers in Low-Energy Nuclear Physics - selected topics", XXXIII Mazurian Lakes Conference on Physics, Piaski, Poland, September 1-7, 2013
228. "Information content of a nuclear observable", JUSTIPEN-JUSEIPEN Workshop, RIKEN, Wako-shi, Japan, Dec. 9, 2013
229. "Atomic Nuclei: Many-Body Open Quantum Systems", 2nd CUSTIPEN Workshop on "Advances in the Computational Nuclear Many-Body Problem", Peking University, Beijing, China, Dec. 15-17, 2013
230. "Microscopic Description of Fission Process", 2014 Stewardship Science Academic Programs (SSAP) Annual Review Symposium, Bethesda, MD, Feb. 19-20, 2014.
231. "Nuclear Open Quantum Systems and High Performance Computing", ARIS 2014, Tokyo, Japan, June 2-6, 2014.
232. "Nuclear Structure" (4 lectures), National Nuclear Physics Summer School 2014, College of William & Mary, Williamsburg, VA, June 12-13, 2014.
233. "Theory Discussion", Recoil Separator for ReA12 Workshop. NSCL, July 12, 2014.
234. "Frontiers in Low Energy Nuclear Physics", EBSS2014: Exotic Beam Summer School, Oak Ridge, TN, July 28, 2014.
235. "Theory of Nuclei and Their Reactions", Joint DNP Town Meetings on Nuclear Structure and Nuclear Astrophysics, Texas A&M University, August 21-23, 2014.
236. "Theory Challenges", Workshop on Fundamental Symmetry Tests with Rare Isotopes, Amherst Center for Fundamental Interactions, Oct. 23-25, 2014.
237. "Nuclear Structure Theory: today and tomorrow," ISOLDE Workshop and Users Meeting 2014, CERN, Geneva, Switzerland, Dec. 15, 2014.

238. "Microscopic Description of Fission Process," 2015 Stewardship Science Academic Programs Symposium, Santa Fe, NM, March 12, 2015.
239. "Superheavy Nuclei: Theoretical Challenges", Super Heavy Nuclei Symposium, Texas A & M University, College Station, TX, March 31, 2015.
240. "Nuclear Structure and Reactions", NSAC Long Range Plan Working Group Resolution Meeting, Kitty Hawk, NC, April 16-20, 2015.
241. "2015 NSAC Nuclear Physics Long Range Plan: a status report", Nuclear Chemistry Gordon Research Conference, New London, NH, June 4, 2015.
242. "Information content of a nuclear observable and uncertainty quantification of nuclear models," Nuclear Structure and Dynamics III, Portoroz, Slovenia, June 14-19, 2015.
243. "Nuclear Structure Theory: today and tomorrow," Reflections on the Atomic Nucleus, Liverpool, UK, July 28-30, 2015.
244. "Challenges in Low-Energy Nuclear Physics", 5th International Conference on Collective Motion in Nuclei under Extreme Conditions (COMEX5) Krakow, Poland, Sep. 12-19, 2015.
245. "Computational nuclear structure in the eve of exascale," Symposium on Quarks to Universe in Computational Science (QUCS 2015), Nara, Japan, Nov. 4-8, 2015.
246. "Concluding Remarks," Information and statistics in nuclear experiment and theory ISNET-3, ECT\*, Trento, Italy, Nov. 16-20, 2015
247. "Microscopic Description of Fission Process," Stewardship Science Academic Programs (SSAP) Symposium, Bethesda, Maryland, Feb. 17, 2016.
248. "Theory of nuclear ground state properties," X International Workshop on Application of Lasers and Storage Devices in Atomic Nuclei Research, Poznań, Poland, May 16-19, 2016.
249. "Nuclear radii in density functional theory," Neutron Skins in Nuclei, MITP Workshop, Mainz, Germany, May 17-27, 2016.

250. "Superheavy Element Research: Future Aspects," Nobel Symposium NS160: Chemistry and Physics of Heavy and Superheavy Elements, Bäckaskog Castle, Sweden, May 29 - June 3, 2016.
251. "Nuclear structure and fission for r process," ICNT program on 'The r-process: connecting FRIB with the cosmos,' MSU, June 13, 2016.
252. "Nuclear Structure & Reactions: Breakout Report", Exascale Requirements Review for Nuclear Physics, Gaithersburg, MD, June 15-17, 2016.
253. "Nuclear charge and neutron radii and nuclear matter: correlation analysis", INT Program INT-16-2a: Bayesian Methods in Nuclear Physics, July 6, 2016.
254. "Prospects for breakthroughs in understanding nuclei," 26th International Nuclear Physics Conference, Adelaide, Australia (plenary talk), Sep. 11-16, 2016.
255. "Microscopic Description of the Fission Process", HIAS 2016, ANU, Canberra, Australia, Sep. 18-20, 2016.
256. "Science of Facility for Rare Isotope Beams (FRIB): Overarching Questions (a theoretical perspective)", KITP program Frontiers in Nuclear Physics, UCSB, Santa Barbara, CA, Oct. 31-Nov. 3, 2016.
257. "Prospects for Breakthroughs in (Low-Energy) Nuclear Theory", Sixth International Conference on Fission and Properties of Neutron-Rich Nuclei Sanibel Island, Florida, Nov. 6-12, 2016.
258. "Prospects for Breakthroughs in Low-Energy Nuclear Theory", First Tsukuba-CCS-RIKEN joint workshop on microscopic theories of nuclear structure and dynamics, RIKEN Nishina Center, Japan, Dec. 12-13, 2016.
259. "Uncertainty Quantification and Bayesian Model Averaging", DOE topical collaboration 'Nuclear Theory for Double-Beta Decay and Fundamental Symmetries' meeting, ACFI, UMass Amherst, February 3-4, 2017
260. "At the End of the Nuclear Chart", International Festive Colloquium Dedicated to the naming of the New Elements with Atomic Numbers 115, 117 and 118, RAS Central Club of Scientists, Moscow, Russia, March 2, 2017.

261. “Superheavy Element Research: Perspectives”, JINR, FLNR, Dubna, Russia, March 3, 2017.
262. “Microscopic Description of Fission Process,” Stewardship Science Academic Programs (SSAP) Symposium, Naperville, IL, April 12-13, 2017.
263. “Structure of rare isotopes,” MINIBALL Workshop, University of York, UK, May 9, 2017
264. “Description of weakly bound and unbound nuclear and atomic states using the complex-energy approach”, Workshop on Open Quantum Systems: From atomic nuclei to ultracold atoms and quantum optics, ECT\*, July 10-14, 2017.
265. “FRIB-Theory Alliance Summary”, Low Energy Community Meeting, ANL, August 4, 2017.
266. “Prospects for breakthroughs in understanding nuclei”, XXXV Mazurian Lakes Conference on Physics, Piaski, Poland, September 3-9, 2017.
267. “Superheavy Element Research: Perspectives (Theory, a 10 km view)”, SHE2017, Kazimierz Dolny, Poland, Sep. 10-14, 2017.
268. “Niezwykłe własności jader superciężkich i ich atomów”, 44 Zjazd Fizyków Polskich, Wrocław, Poland, Sep. 15, 2017.
269. “FRIB Theory Alliance” and “Town Meeting”, 2nd China-US-RIB Collaboration Meeting on Physics of Nuclei and Hadrons, PKU, Beijing, China, Oct. 16-18, 2017.
270. “Fermion localizations in nuclear DFT and TDDFT”, FiDiPro Winter Symposium on Nuclear Structure Physics, University of Jyväskylä, Finland, Dec. 11-15, 2017.

## Other Conference Talks

1. *XIX Winter School on Physics, 'Selected Topics in Nuclear Structure'*, Zakopane, Poland, April 1984
2. *XXI Winter School on Physics*, Zakopane, Poland, April 1986 (2 talks)
3. *XXII Winter School on Physics*, Zakopane, Poland, May 1987
4. *International Conference on Nuclear Shapes*, Crete, June 1987
5. *1996 Fall Meeting of the APS Division of Nuclear Physics*, October 2-5, 1996, Cambridge, Massachusetts, USA.
6. "Latest news about RIA", W. Nazarewicz, *Workshop on Experimental Equipment for RIA*, Oak Ridge, Tennessee, March 18-22, 2003
7. "Selfconsistent Barrier Calculations", W. Nazarewicz, *International Workshop on Theoretical Description of the Nuclear Large Amplitude Collective Motion (with a focus on fission)*, Joint Institute for Heavy Ion Research, Oak Ridge, March 30-31, 2005
8. "Nucleonic Shells: a Paradigm Shift?", W. Nazarewicz, 2006 Division of Nuclear Physics Annual Meeting, October 25-28, 2006; Nashville, Tennessee
9. "Theoretical Description of the Fission Process", W. Nazarewicz, 2006 Division of Nuclear Physics Annual Meeting, October 25-28, 2006; Nashville, Tennessee
10. "The mission of the existing North American RIA Users' Group", W. Nazarewicz, EURISOL Town Meeting, CERN, Geneva, Nov. 27-28, 2006
11. "Microscopic theories for LACM, including fission," W. Nazarewicz, DNP Town Meeting on Nuclear Astrophysics/Study of Nuclei, Chicago, IL, January 19-21, 2007
12. "Introduction and NNSA," W. Nazarewicz, The 2nd LACM-EFES-JUSTIPEN Workshop, Oak Ridge, TN, Jan. 23-25, 2008.
13. "Microscopic Description of Spontaneous Fission," W. Nazarewicz, The 2nd LACM-EFES-JUSTIPEN Workshop, Oak Ridge, TN, Jan. 23-25, 2008.

14. "Nucleus as an open quantum system," W. Nazarewicz and M. Płoszajczak, FUSTIPEN workshop, Bridging the Atlantic with Exotic Isotope Physics, GANIL, Caen, France, Jan. 19, 2011.

## Lectures, Seminars, and Colloquia

- 1976** Warsaw University
- 1977** Warsaw University of Technology
- 1978** Warsaw University
- 1979** Warsaw University of Technology
- 1980** Warsaw University  
Warsaw University of Technology
- 1981** Institute for Nuclear Research, Świerk  
Warsaw University
- 1982** Warsaw University of Technology  
University of Lund, Sweden  
University of Lund, Sweden
- 1983** University of Lund, Sweden  
University of Lund, Sweden  
Max Planck Institute, Heidelberg, W. Germany  
GSI, Darmstadt, W. Germany  
TH Darmstadt, W. Germany  
University of Göttingen, W. Germany  
University of Lund, Sweden
- 1984** University of Lund, Sweden  
Warsaw University of Technology  
Niels Bohr Institute, Copenhagen, Denmark  
Niels Bohr Institute, Copenhagen, Denmark  
Niels Bohr Institute, Copenhagen, Denmark  
University of Lund, Sweden  
University of Göttingen, W. Germany  
GSI, Darmstadt, W. Germany  
XIX Winter School on Physics, Zakopane, Poland  
University of Göttingen, W. Germany  
University of Göttingen, W. Germany  
University of Göttingen, W. Germany  
Niels Bohr Institute, Copenhagen, Denmark

- 1985** University of Bonn, W. Germany  
Yale University, New Haven, Connecticut, USA  
ORNL, Oak Ridge, Tennessee, USA  
Joint Institute for Heavy Ion Research, Oak Ridge, TN, USA  
Florida State University, Tallahassee, USA  
Vanderbilt University, Nashville, Tennessee, USA  
Warsaw University  
Warsaw University
- 1986** Warsaw University of Technology  
Warsaw University  
University of Lund, Sweden  
Uniwersytet Tennessee, Knoxville, USA  
Uniwersytet Tennessee, Knoxville, USA  
Florida State University, Tallahassee, USA  
Argonne National Laboratory, Illinois, USA  
Joint Institute for Heavy Ion Research, Oak Ridge, TN, USA  
Florida State University, Tallahassee, USA  
XXI Winter School on Physics, Zakopane, Poland  
XXI Winter School on Physics, Zakopane, Poland  
Warsaw University  
Warsaw University  
Warsaw University
- 1987** Warsaw University of Technology  
Warsaw University  
Niels Bohr Institute, Copenhagen, Denmark  
University of Lund, Sweden  
KFA Jülich, W. Germany  
University of Bonn, W. Germany  
University of Cologne, W. Germany  
Max Planck I., Heidelberg, W. Germany  
Australian National U., Camberra, Australia  
Australian National U., Camberra, Australia  
XXII Winter School on Physics, Zakopane, Poland  
International Conference on Nuclear Shapes, Crete, Greece  
Warsaw University  
Warsaw University  
Warsaw University



- 1988** Warsaw University  
Warsaw University of Technology  
University of Cologne, W. Germany  
Université Libre, Brussels, Belgium  
Warsaw University
- 1989** Weizmann Institute, Rehovot, Israel  
Warsaw University  
UMCS Lublin  
TH Munich, Garching, W. Germany  
Warsaw University of Technology  
University of Lund, Sweden  
Warsaw University of Technology  
Warsaw University  
Warsaw University  
Warsaw University
- 1990** University of Lund, Sweden  
University of Manchester, England  
Warsaw University  
Institute for Modern Physics, Academia Sinica, Lanzhou, China  
Atomic Energy Institute, Academia Sinica, Beijing, China  
University of Liverpool, England  
Warsaw University
- 1991** Oak Ridge National Laboratory, USA  
Australian National University, Canberra, Australia  
Vanderbilt University, Nashville, TN, USA  
Oak Ridge National Laboratory, USA  
Joint Institute for Heavy Ion Research, Oak Ridge, TN, USA  
Oak Ridge National Laboratory, USA  
University of Lund, Sweden  
Institute of Nuclear Physics, Orsay, France  
Oak Ridge National Laboratory, USA  
Florida State University, Tallahassee, USA  
University of Illinois, Urbana, USA  
University of New York, Stony Brook, USA  
New York University, New York, USA  
Michigan State University, East Lansing, USA
- 1992** Argonne National Laboratory, Argonne, USA

University of Notre Dame, Notre Dame, USA  
Oak Ridge National Laboratory, USA  
California Institute of Technology, Pasadena, USA  
Warsaw University  
Kyoto University, Japan  
Tokyo University, Japan  
Kyoto University, Japan  
Oak Ridge National Laboratory, USA  
Berkeley National Laboratory, USA

**1993** Argonne National Laboratory, Argonne, USA  
University of Frankfurt, Germany  
University of Liverpool, UK  
Oak Ridge National Laboratory, USA  
Oak Ridge National Laboratory, USA  
Louisiana State University, USA

**1994** Niels Bohr Institute, Copenhagen  
Oak Ridge National Laboratory, USA  
Michigan State University, USA  
University of Tennessee, USA  
Oak Ridge National Laboratory, USA  
Argonne National Laboratory, Argonne, USA  
Berkeley National Laboratory, Berkeley, USA  
University of Rochester, Rochester, USA  
University of Tennessee, USA  
Warsaw University  
Warsaw University of Technology

**1995** University of Liverpool, England  
Warsaw University  
Warsaw University  
Warsaw University of Technology  
TRIUMF, Vancouver, Canada  
North Carolina State University  
Oak Ridge National Laboratory, USA  
GSI Darmstadt, Germany  
University of Notre Dame, Notre Dame, USA  
California Institute of Technology, Pasadena, USA

**1996** Michigan State University, East Lansing

Yale University, New Haven  
Yale University, New Haven  
University of Tennessee, Knoxville  
NORDITA, Copenhagen, Denmark

**1997** Lawrence Berkeley National Laboratory, California  
Purdue University, Lafayette, USA

**1998** Yale University, New Haven  
UMCS, Lublin, Poland  
Texas A&M, TANU, College Station, Texas  
Yukawa Institute, Kyoto, Japan  
Kyoto University, Kyoto, Japan

**1999** MIT, Cambridge, Mass.  
SUNY, Stony Brook, NY  
ORNL, Tennessee  
GSI, Darmstadt, Germany  
University of Tennessee, Knoxville  
University of Tennessee, Knoxville  
University of Tennessee, Knoxville  
ULB Brussels, Belgium

**2000** ETH Zurich, Switzerland  
University of Milan, Milan, Italy  
ETC\* Trento, Italy  
Jefferson Laboratory, Newport News, VA  
University of Tennessee, Knoxville

**2001** Warsaw University of Technology, Warsaw, Poland  
Indiana University, Bloomington  
Niels Bohr Institute, Copenhagen  
Niels Bohr Institute, Copenhagen

**2002** GANIL, Caen, France  
Warsaw University

**2003** Texas A&M University, USA  
Argonne National Laboratory, USA  
Jefferson Lab, USA

- 2004** Warsaw University, Poland  
Warsaw University, Poland  
WUSL, St. Louis, MO  
Oak Ridge National Laboratory, USA  
University of Tennessee, USA
- 2005** Warsaw University, Poland  
University of Tokyo, Japan  
University of Tennessee, Knoxville
- 2006** Warsaw University, Poland  
Institute for Nuclear Physics, Cracow, Poland  
Yale University  
Institute of Physics, London  
LNS, MIT, Cambridge, MA  
West High School, Knoxville
- 2007** ANL, Physics Colloquium  
University of Milan, Italy  
University of Milan, Italy (Physics Colloquium)  
Warsaw University, Poland (L. Infeld Colloquium)  
GANIL, Caen, France  
GANIL, Caen, France  
LLNL Seminar, Livermore, CA  
JUSTIPEN Seminar, Wako, Japan  
JUSTIPEN Seminar, Wako, Japan
- 2008** SSAA Seminar, NNSA, Washington DC  
University of the West of Scotland, Paisley, UK  
University of Birmingham, UK  
University of Birmingham, UK  
University of Liverpool, UK  
University of Liverpool, UK  
University of Surrey, UK  
University of Surrey, UK  
Warsaw University, Poland  
University of York, UK  
University of York, UK  
University of the West of Scotland, Paisley, UK  
University of Jyväskylä  
ORNL, Physics Division

ORNL, Physics Division  
University of Jyväskylä (Physics Colloquium)  
Rutgers University, NJ  
Rutgers University, NJ (Physics Colloquium)  
University of Tennessee (Physics Colloquium)

**2009** GANIL, Caen, France

University of the West of Scotland, Paisley, UK  
University of the West of Scotland, Paisley, UK  
SUPA invited lecture, Scotland, UK  
Peking University (special lecture), Beijing, China  
University of Delaware, DE (Physics Colloquium)  
UT Science Forum. Knoxville, TN  
Warsaw Institute of Technology (Physics Colloquium)  
Warsaw University, Poland  
Institute for Nuclear Physics, Cracow, Poland

**2010** KTH, Stockholm, Sweden (Physics Colloquium)

Ohio State University, Columbus (Physics Colloquium)  
Texas A&M University, Commerce, TX (Physics Colloquium)  
University of the West of Scotland, Paisley, UK  
University of the West of Scotland, Paisley, UK  
University of the West of Scotland, Paisley, UK  
University of Tennessee, Knoxville  
Saha Institute of Nuclear Physics, Kolkata, India (Colloquium)  
GANIL, Caen, France

**2011** LBNL, Nuclear Science Division (Physics Colloquium)

BNL, Upton, NY, Physics Colloquium  
BNL, Upton, NY, Physics Theory Seminar  
Warsaw University, IFT Symposium, Warsaw, Poland  
Warsaw University, Nuclear Physics Seminar, Warsaw, Poland

**2012** University of Massachusetts, Amherst, MA, Physics Colloquium

Ohio University, Athens, OH, Physics Colloquium  
Technische Universität Darmstadt, Nuclear Physics Seminar, Darmstadt, Germany  
Carnegie Mellon University, Pittsburgh, PA  
Jefferson Lab, Newport News, VA (Physics Colloquium)  
Argonne National Lab, IL, Physics Seminar

- 2013** Warsaw University, Nuclear Physics Seminar, Warsaw, Poland  
Warsaw University, Physics Colloquium, Warsaw, Poland  
Michigan State University, Physics Colloquium, East Lansing, MI  
University of North Carolina, Chapel Hill, NC, Physics Colloquium  
ITP/CAS Beijing, China, Colloquium
- 2014** MIT Laboratory of Nuclear Science, MIT, Cambridge, Physics Colloquium  
University of Tennessee, Knoxville  
University of Alabama, Tuscaloosa, Physics Colloquium  
GSI, Darmstadt, Germany, Physics Colloquium  
TUD, Darmstadt, Germany, Physics seminar  
TRIUMF, Vancouver, BC, Canada, Physics seminar  
University of Victoria, Victoria, BC, Canada, Physics Colloquium  
University of British Columbia, Vancouver, BC, Canada, Physics Colloquium  
Simon Fraser University, Burnaby, BC, Canada, Physics Colloquium
- 2015** NSCL, Michigan State University, Staff Informational Talk  
JINA, Michigan State University, Seminar  
Society of Physics Students, Michigan State University, Seminar  
University of the West of Scotland, Paisley, UK, Lecture  
University of the West of Scotland, Paisley, UK, Lecture  
University of the West of Scotland, Paisley, UK, Lecture  
University of the West of Scotland, Paisley, UK, Lecture
- 2016** University of Michigan (2016 Helmut W. Baer Lecture)  
University of Kansas, Lawrence, KS, Physics Colloquium
- 2017** Michigan State University (Science Festival)  
University of York, York, UK, Physics Colloquium  
University of York, York, UK, Physics Seminar  
Peking University, Beijing, China, Physics Seminar  
Michigan State University, CMSE Seminar  
Indiana University, Bloomington, IN, Physics Colloquium