

**INSTITUTE COLLOQUIA AND SEMINARS**  
**April 1, 2012-March 31, 2013**

**2012**

April 24	Dr. Antti Saastamoninen, University of Jyvaskyla and Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Beta-Decay Studies for Nova Nucleosynthesis</i>
May 10	Professor Helmut Satz, Fakultät fuer Physik, Universität Bielefeld, Bielefeld, Germany	<i>Quark Confinement and Hadrosynthesis</i>
May 14	Dr. Daniel Abriola, International Atomic Energy Agency, Vienna, Austria	<i>IAEA's Research Coordinated Project (CRP) on Beta-Delayed Neutron Emission</i>
May 15	Dr. Dan Bardayan, Oak Ridge National Laboratory, Oak Ridge, Tennessee	<i>New Instruments and Recent Results in the Study of Transfer Reactions at HRIBF</i>
May 22	Professor Olaf Scholten, KVI, University of Groningen, Netherlands	<i>The Approximation in IBA; Old Mass Xe and Te</i>
May 24	Professor Wenqing Shen, NSFC and Shanghai Institute of Applied Physics, Chinese Academy of Science	<i>National Science Foundation of China and Development of Chinese Nuclear Physics</i>
June 5	Professor Gerd Roepke, Institute of Physics, University of Rostock, Rostock, Germany	<i>Four-Particle (Alpha Like) Correlations in Nuclear Systems</i>
July 27	Dr. Yongseok Oh, Department of Physics, Kyungpook National University, Daegu, Korea	<i>High Spin Resonances in Hardon Reactions</i>
August 9	Professor H. Sakai, RIKEN, Wako, Japan	<i>New Result from RIKEN RIBF</i>
August 22	Dr. Dai-Mei Zhou, Institute of Particle Physics, Central China Normal University, Wuhan, China	<i>Comparative Study for Non-Statistical Fluctuation of Net Proton, Baryon, and Charge Multiplicities</i>
August 22	Dr. Yun Cheng, Institute of Particle Physics, Central China Normal University, Wuhan, China	<i>Hydrodynamical and Transport Model for Ultra-Relativistic Heavy Ion Reactions</i>

August 27	Dr. Ken Moody, Chemical Sciences Division, Lawrence Livermore National Laboratory, Livermore, California	<i>Forensic Radiochemistry</i>
October 17	Professor Mark Raizen, Physics Department, University of Texas, Austin, Texas	<i>Magnetically Activated and Guided Isotope Separation</i>
November 12	Professor K. A. Gridnev, St. Petersburg State University, St. Petersburg, Russia	<i>Extreme Neutron Rich Sector of the Nuclear Chart: New Horizons!</i>
November 20	Dr. Livius Trache, National Institute for Physics and Nuclear Engineering, Bucharest-Magurele, Romania	<i>Current and Future Nuclear Physics Research at IFIN-HH Bucharest, Romania</i>
December 4	Dr. Michael Youngs, NSCL Michigan State University, East-Lansing, Michigan	<i>Measuring the Density Dependence of the Symmetry Energy through Emitted Tritons and <math>^3\text{He}</math></i>
December 11	Dr. Xinfeng Chen, Department of Chemistry, Washington University in St. Louis, St. Louis, Missouri	<i>Nuclear <math>g</math> Factor Measurement with Recoil-into-Vacuum Method</i>

### **2013**

January 22	Professor Gerd Roepke, Institute of Physics, University of Rostock, Rostock, Germany	<i>Cluster in Nuclear Systems – Equation of State and Nuclear Structure</i>
January 23	Professor N. Auerbach, School of Physics and Astronomy, Tel Aviv University, Tel Aviv, Israel	<i>Electric Dipole Moments in Nuclei and Atoms; Test of Time Reversal Symmetry</i>
January 25	Professor N. Auerbach, School of Physics and Astronomy, Tel Aviv University, Tel Aviv, Israel	<i>The Shear Viscosity to Entropy Density Ratio in Nuclei</i>
February 20	Dr. Paolo Avogadro, Texas A&M University at Commerce, Commerce, Texas	<i>QRPA Study of Giant Monopole Resonances</i>