

## INSTITUTE COLLOQUIA AND SEMINARS

April 1, 2007-March 31, 2008

### 2007

- |          |  |  |
|----------|--|--|
| April 5  | Dr. Nigel Orr, Laboratoire de Physique Corpusculaire, Université de Caen Basse-Normandie, France   | <i>Probing Nuclear Structure Far from Stability: from Breakup to Knockout</i>                              |
| April 10 | Dr. Lie-wen Chen, Institute of Theoretical Physics, Shanghai Jiao Tong University, Shanghai, China | <i>Probing the Nuclear Symmetry Energy with Heavy-Ion Reactions Induced by Neutron-Rich Nuclei</i>         |
| April 11 | Dr. Nigel Orr, Laboratoire de Physique Corpusculaire, Université de Caen Basse-Normandie, France   | <i>Neutron Correlations in the Breakup of Halo Nuclei</i>  |
| April 17 | Dr. Denis Lacroix, LPC-Caen, France/NSCL-MSU, Michigan   | <i>Direct Description of Cluster Formation in Heavy-Ion Collisions Photon Production at RHIC</i>           |
| April 20 | Professor G. Röpke, University of Rostock, FB Physik, Rostock, Germany                             | <i>Low-Density Nuclear Matter Equation of State and Symmetry Energy: Cluster Formation and Condensates</i> |
| April 26 | Professor D. G. Jenkins, Department of Physics, University of York, York, United Kingdom           | <i>New Techniques for Probing Nuclear Shape and Isobaric Symmetry Around</i>                               |
| April 27 | Dr. Smarajit Triambak, University of Washington, Seattle, Washington                               | <i>Test of Isospin Symmetry Breaking, the Standard Model and Beyond</i>                                    |
| May 2    | Dr. Abhijit Majumder, Duke University, Durham, North Carolina                                      | <i>Probing the QGP with Jets and Jet Correlations</i>  |
| May 8    | Professor Michael A. Bentley, University of York, York, United Kingdom                             | <i>Coulomb Shifts between Isobaric Analogue State</i>  |
| June 21  | Professor Claudio Dorso, University of Buenos Aires, Buenos Aires, Argentina                       | <i>Isoscaling: a General Property of Multicomponent System</i>   |
| June 26  | Dr. Jiansong Wang, Institute of Modern Physics, Lanzhou, China                                     | <i>The Status of Hadronic Physics at HIRFL-CSR</i>   |
| July 5   | Professor R. K. Choudhury, Nuclear Physics Division, BhaBha Atomic Research Center, Mumbai, India  | <i>The Structure Aspects in Heavy Ion Nuclear Reactions</i>  |

July 6	Professor Lee G. Sobotka, Washington University, St. Louis, Missouri	<i>The Mononuclear Caloric Curve and Other Stories from St. Louis</i>
September 4	Dr. Gianfranco Prete, Laboratori Nazionale di Legnaro, Italy	<i>The SPES Project at the Laboratori Nazionale di Legnaro</i>
September 25	Professor N. Auerbach, Tel-Aviv University, Tel-Aviv, Israel	<i>The Super-Radiant Mechanism: from Nuclei to Quarks</i>
October 23	Dr. Chiho Nonaka, Nagoya University, Nagoya, Japan	<i>Bulk QCD Dynamics in Relativistic Heavy Ion Collisions-3D Hydro+Micro Approach at RHIC</i>
November 14	Professor G. Roepke, University of Rostock, FB Physik, Rostock, Germany	<i>Abundances of Light Clusters in Asymmetric Nuclear Matter</i>
November 19	Dr. Aldo Bonasara, INFN Laboratori Nazionali del Sud, Catania, Italy	<i>The Quantum Nature of a Nuclear Phase Transition</i>
November 26	Dr. Anna V. Unzkakova, St. Petersburg State University, St. Petersburg, Russia	<i>Potential-Energy Calculations in Ten- Dimensional Deformation Space</i>
November 26	Dr. Serban Misicu, Theoretical Physics Division, NIPNE-HH, Bucharest-Magurele, Romania	<i>Unified Treatment of Clusterization and Cold Fission – a Path to the Understanding of the Heaviest Elements Formation</i>
December 4	Professor C. R. Praharaaj, Institute of Physics, Bhubaneswar, India	<i>Band Structures and High Spin States in Nuclei</i>
December 11	Dr. Yu-Gang Ma, Shanghai Institute of Applied Physics, Chinese Academy of Science, Shanghai, China	<i>Anisotropic Flows of Light Nuclear Clusters and Direct Hard Photons in Intermediate Energy Heavy Ion Collisions</i>

## **2008**

March 4	Dr. Ron Soltz, Lawrence Livermore National Laboratory, Livermore, California	<i>Measuring the Size and Thermodynamics of a Quark Drop</i>
March 5	Mr. Robert Cooper, University of Michigan, Ann Arbor, Michigan	<i>The Radiative Decay Mode of the Free Neutron</i>
March 6	Dr. Mihai Horoi, Central Michigan University, Mount Pleasant, Michigan	<i>Shell Model Spectroscopic Factors and Modern Effective Interaction</i>

March 18	Professor G. Roepke, University of Rostock, FB Physik, Rostock, Germany	<i>Cluster Formation and Nuclear Matter Symmetry Energy</i>
March 18	Dr. Tibor Kibédi, Australian National University, Canberra, Australia	<i>Conversion Coefficients for Nuclear Structure Research and Beyond</i>
March 20	Dr. Andrey Shirokov, Moscow State University, Moscow, Russia	<i>Abinitio Calculations of Light Nuclei with JISP16NN Interaction</i>
March 31	Professor Bruce R. Barrett, Department of Physics, University of Arizona, Tucson, Arizona	<i>The Abinitio No Core Shell Model for Nuclear Structure and Reactions</i>