

INSTITUTE COLLOQUIA AND SEMINARS

April 1, 2002-March 31, 2003

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| April 2 | Dr. Bency John, Cyclotron Institute, Texas A&M University | <i>Isoscalar Giant Resonances in ^{12}C</i> |
| April 9 | Professor J. Rapaport, Ohio University, Athens, Ohio | <i>Charge Exchange Reactions and Spin Transfer Measurements</i> |
| April 16 | M. Sanchez-Vega and V. E. Jacob, Cyclotron Institute, Texas A&M University | <i>Test of the Unitarity of the CKM Matrix via Superallowed β^+ decay.</i> |
| April 23 | Dr. Subrata Pal, Cyclotron Institute, Texas A&M University | <i>Strange Particle Production in Relativistic Heavy Ion Collisions</i> |
| April 30 | Dr. Michael Murray, Cyclotron Institute, Texas A&M University | <i>Kaon Phase Space Density in Heavy Ion Collisions</i> |
| May 7 | Dr. Livius Trache, Cyclotron Institute, Texas A&M University | <i>Determination of the S_{18} Astrophysical Factor for $^8\text{B}(p,\gamma)^9\text{C}$ from the Breakup of ^9C at Intermediate Energies</i> |
| May 21 | Professor Gary Westfall, Cyclotron Laboratory, Michigan State University, East Lansing, Michigan | <i>The Study of Collective Flow in Nucleus- nucleus Collisions at Incident Energies Below 1 GeV/nucleon</i> |
| May 28 | Dr. George Souliotis, Cyclotron Institute, Texas A&M University | <i>Neutron-Rich Rare Isotope Production</i> |
| June 4 | Jinghua Fu (Lawrence Berkeley National Laboratory [LBNL] /Institute of Physics Publishing [IOPP]), Paul Sorensen (University of California at Los Angeles [UCLA]), Solenoidal Tracker at the Relativistic Heavy Ion Collider Collaboration [STAR] Collaboration | <i>K_0 and Λ Event Anisotropy Parameters from Au+Au Collisions at RHIC</i> |
| June 14 | Professor Michael Hass, The Weizmann Institute, Rehovot, Israel | <i>A New Precision Measurement of the $^7\text{Be}(p,\gamma)$ ^8B Cross Section with an Implanted ^8Be Target</i> |
| June 11 | Dr. Bao-An Li, Department of Chemistry and Physics, Arkansas State University, Jonesboro, Arkansas | <i>Probing the Equation of State of Neutron- Rich Matter</i> |
| July 16 | Prof. F. Nunes, Universidede Fernando Pessoa, Porto, Portugal | <i>The Continuum in Reactions with Dripline Nuclei</i> |

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| July 17 | Prof. Jian-Ye Liu, Institute of Modern Physics, Chinese Academy of Sciences, Lanzhou, P.R. China | <i>Probing the Isospin Dependent in-Medium Nucleon-Nucleon Cross Sections</i> |
| August 20 | Prof. Yigal Ronen, Ben Gurion University Beer-Sheva, Israel | <i>Space Travel: Science or Fiction?</i> |
| September 3 | Prof. Su Hounq Lee, Department of Physics and Institute of Physics and Applied Physics, Yonsei University, Seoul, Korea | <i>Hadrons in Nuclear Matter</i> |
| September 24 | Dr. Gabriel Tabacaru, Cyclotron Institute, Texas A&M University | <i>Nuclear Astrophysics Experiments with Radioactive Beams at Centre de Recherche du Cyclotron Louvain-la-Neuve</i> |
| October 8 | Dr. F. Carstoiu, Cyclotron Institute, Texas A&M University | <i>Breakup of ^8B from 28 to 1000 MeV/A Revisited</i> |
| November 11 | Professor W. H. Trzaska, Department of Physics, University of Jyväskylä, Finland, and Helsinki Institute of Physics, Finland | <i>Manifestations of Clustering in Fission of Excited Actinides</i> |
| November 12 | Dr. W. Catford, Department of Physics, University of Surrey, Guildford, United Kingdom | <i>Berylliums and other exotics via transfer</i> |
| November 13 | Dr. Ralf Rapp*, Nordita, Denmark | <i>Open and Hidden Charm Production in High-Energy Nuclear Collisions</i> |
| November 15 | Dr. G. Rogachev, Department of Physics, University of Notre Dame, Indiana | <i>Spectroscopy of Light Drip Line Nuclei by Means of Radioactive Beams</i> |
| November 19 | Dr. Peter Levai, National Institute for Nuclear and Particle Physics, Budapest, Hungary | <i>Jet tomography: diagnostics of hot dense matter produced at RHIC</i> |
| December 3 | Dr. Lie-Wen Chen, Cyclotron Institute, Texas A&M University | <i>Two-nucleon Correlation Functions as a Probe of the Nuclear Symmetry Potential</i> |
| December 5 | Dr. Jerry Nolen, Argonne National Laboratory, Argonne, Illinois | <i>RIA Development at Argonne National Laboratory</i> |
| December 10 | Dr. Takashi Nakatsukasa, Department of Physics, Tohoku University, Senda, Japan | <i>Continuum Response and Reaction of Weakly-bound Quantum Systems</i> |

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- January 14 Dr. A.M. Mukhamedzhanov, Cyclotron Institute, Texas A&M University *Three-body Coulomb Effects in the $^{208}\text{Pb}({}^8\text{B}, {}^7\text{Be} p) {}^{208}\text{Pb}$ Coulomb Breakup Reaction*
- January 21 Dr. Y. Oh, Yonsei University, Seoul, Republic of South Korea and Cyclotron Institute, Texas A&M University *Vector Meson Photoproduction Processes Near Threshold*
- January 28 Dr. Konrad Gelbke, National Superconducting Laboratory, Michigan State University, East Lansing, Michigan *Rare Isotope Research Capabilities at the NSCL Today and at RIA in the Future*
- February 4 Professor Naftali Auerbach, Tel-Aviv University, Tel-Aviv, Israel *Tests of Time Reversal Violation in Radioactive Nuclei*
- February 7 Dr. Oleg Tarasov, National Superconducting Laboratory, Michigan State University, East Lansing, Michigan *LISE++ : new generation of the LISE code*
- February 11 Professor Naftali Auerbach, Tel-Aviv University, Tel-Aviv, Israel *Neutrino-Nucleus Interactions and Nuclear Structure*
- February 25 Dr. Ninel Nica, Cyclotron Institute, Texas A&M University *High-spin decay scheme of ^{155}Er nucleus*
- March 4 Professor V.G. Zelevinsky, National Superconducting Cyclotron Laboratory (NSCL), Michigan State University, East Lansing, Michigan *Nuclear Structure and Ideas of Quantum Chaos*
- March 11 Dr. Vladilen Goldberg, Cyclotron Institute, Texas A&M University *Let us Talk About ${}^9\text{He}$*
- March 18 Professor Jorge Piekarewicz, Florida State University, Tallahassee, Florida *Impact of the neutron skin of ^{208}Pb on nuclear observables*