

INSTITUTE COLLOQUIA AND SEMINARS

April 1, 2004-March 31, 2005

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| April 8 | Dr. Jeffrey W. Martin, Kellogg Radiation Laboratory, California Institute of Technology, Pasadena, California | <i>Ultracold Neutrons</i> |
| April 20 | Professor J. W. Watson, Department of Physics, Kent State University, Kent, Ohio | <i>Short-range Correlations in Nuclei from $(p,2p+n)$ and $(e,e'p+N)$ Measurements</i> |
| May 10 | Mr. Sean Liddick, NSCL-Michigan State University, East Lansing, Michigan | <i>The Evolution of Shell Structure in the $A\sim 60$ Mass Region</i> |
| May 25 | Dr. Juha Ärje, Department of Physics, Cyclotron Lab., University of Jyväskylä, Jyväskylä, Finland | <i>IonGuide-ECRIS Facility: Production of Radioactive Ion Beams for K500 MeV Cyclotron</i> |
| May 27 | Dr. R. K. Choudhury, Institute of Physics, Bhubaneswar, India | <i>Study of Heavy Ion Fusion Dynamics from Fission Fragment Angular Distributions</i> |
| June 22 | Dr. Raj K. Gupta, Department of Physics, Punjab University, Chandigarh, India | <i>Dynamical Clusterization Process in Hot and Rotating Nuclei Formed in Heavy Ion Reactions</i> |
| July 30 | Professor C. O. Dorso, Universidad de Buenos Aires, Buenos Aires, Argentina | <i>Dynamics and Thermodynamics of Excited Drops</i> |
| August 26 | Dr. Guy Savard, Argonne National Laboratory and University of Chicago, Argonne, Illinois | <i>The Proposed ATLAS Californium Source Radioactive Beam Upgrade</i> |
| September 3 | Dr. Massimo Mannarelli, Cyclotron Institute, Texas A&M University, College Station, Texas | <i>Gapless Color Superconductivity</i> |
| September 10 | Professor Yu. M. Tchuvil'sky, Moscow State University, Moscow, Russia | <i>Microscopic Theory of Alpha-Particle States in Nuclei, Alpha-Condensate and the Statistics of Alpha-Particles</i> |
| September 17 | Dr. Massimo Mannarelli, Cyclotron Institute, Texas A&M University, College Station, Texas | <i>Gapless Color Superconductivity - Lecture II</i> |

September 17	Professor Juha Aysto, University of Jyväskylä, Jyväskylä, Finland	<i>Towards Precision Mass Measurement of Radioactive Ions with a Penning Trap at IGISOL</i>
September 21	Dr. Rituparna Kanungo, RIKEN Institute, Wako, Japan	<i>Exporing the New Nuclear Structure Near Drip Lines</i>
September 24	Dr. Ralf Rapp, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Thermal Photons in Strong Interactions</i>
October 4	Dr. Georges Audi, Center for Nuclear and Mass Spectrometry, Orsay, France	<i>Masses, Half-Lives, Spins and Decays of Nuclides</i>
October 5	Dr. Isao Tanihata, Argonne Natinal Laboratory, Argonne, Illinois	<i>What's New with Nuclear Halo's and Neutron Skin's</i>
October 8	Dr. Oded Heber, Department of Particle Physics, Weizmann Institute of Science, Rehovot, Israel	<i>Charged Particle Dynamics in an Electrostatic Ion Trap</i>
October 12	Dr. A. M. Mukhamedzhanov, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Can Spectroscopic Information be Extracted from Transfer Reactions?</i>
October 19	Professor Konstantin Gridnev, St. Petersburg University, St. Petersburg, Russia	<i>The Nuclear Model of Binding Alpha-Particles</i>
October 22	Dr. Vincenzo Greco, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>The Search for the Quark-Gluon Plasma in Relativistic Heavy-Ion Collisions – Lecture I</i>
October 26	Dr. Aldo Bonasera, Lab. Nat. del sud-INFN, Catania, Italy	<i>Constrained Molecular Dynamics for Fermions</i>
November 4	Mrs. Elizabeth Bell, cyclotron Institute, Texas A&M University, College Station, Texas	<i>N/Z Equilibration</i>
November 5	Dr. Vincenzo Greco, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>The Search for the Quark-Gluon Plasma in Relativistic Heavy-Ion Collisions – Lecture II</i>
November 5	Dr. Hendrik van Hees, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Charm in Heavy Ion Collisions</i>

November 10	Mr. August L. Keksis, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Quasiprojectile Fragmentation with 32 and 45 MeV/u ^{40}Ar, ^{40}Ca and ^{48}Ca on ^{112}Sn and ^{124}Sn</i>
November 10	Mr. Fakhriden Pirlepsov, cyclotron Institute, Texas A&M University, College Station, Texas	<i>Asymptotic Scattering Wave Function for Three Charged Particles and Astrophysical Capture Processes</i>
November 17	Mr. Yong Peng, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Systematics of Cross Sections for Target K Vacancy Production in Heavy Ion Collisions</i>
November 17	Mr. Lijun Qin, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>p-A, A-A Collisions with NIMROD</i>
November 19	Professor Ronald Bryan, Department of Physics, Texas A&M University, College Station, Texas	<i>The Low-Energy Nucleon-Nucleon Interaction and the Sigma Meson</i>
November 23	Dr. T. Udagawa, Department of Physics, University of Texas, Austin, Texas	<i>Extension of Direct Reaction Theories to Incomplete and Complete Fusion Reactions</i>
December 1	Mr. Au Kim Vuong, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>New Effective Nucleon-Nucleon Interaction</i>
December 1	Mr. Oleksiy Pochivalov, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Microscopic Description of Properties of Isoscalar Giant Dipole Resonance in Nuclei</i>
December 1	Mr. Tariq Ai-Abdullah, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Extracting the ANCs for ^{23}Al, $^{22}\text{Mg}+p$ from the Mirror System ^{23}Ne, $^{22}\text{Ne}+n$</i>
December 3	Dr. Sabin Stoica, National Institute of Physics & Nuclear Engineering, Bucharest, Romania	<i>Recent Results on Neutrino Properties</i>
December 8	Mr. Changbo Fu, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Determine S_{34} Factor from ^7Be Breakup Reaction</i>
December 8	Mr. Xinfeng Chen, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Giant Resonance Study by ^6Li scattering</i>

December 10	Dr. Loic Grandchamp, Lawrence Berkeley National laboratory, Berkeley, California	<i>Quarkonium Production in Heavy-Ion Collisions</i>
December 14	Dr. Frances Hanappe, P.N.T.P.M.- Université Libre de Bruxelles, Brussels, Belgium	<i>News from DEMON: Dynamics of Capture Reactions the Tetraneutron Enigma</i>
December 15	Mr. Thomas Henry, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Thesis Progress on Jet Reconstruction in d+Au and p+p Collisions at RHIC</i>
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January 18	Dr. Hanan Amro, University of Notre Dame, South Bend, Indiana	<i>Nuclear Reactions with Exotic Nuclear Beams</i>
February 9	Dr. Larry Ahle, Lawrence Livermore National Laboratory, Livermore, California	<i>Stockpile Stewardship and Radioactive Beam Facilities</i>
February 11	Dr. Andrei Kryjevski, University of Washington, Seattle, Washington	<i>Meson Condensates in CFL Superconductors</i>
February 25	Dr. Tapas Sil, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>An Effective Field Theory: Applicability to Nuclear Systems</i>
March 1	Dr. Yu-Gang Ma, Shanghai Institute of Applied Physics, Chinese Academy of Sciences, Shanghai, China	<i>Studies of Nucleon-Nucleon Momentum Correlation Function in the Reactions Induced by Neutron-rich or Proton-Rich Light Nuclei</i>
March 3	Dr. Jeff Blackmon, Physics Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee	<i>Nuclear Physics in Stellar Explosions</i>
March 4	Mr. Fakhriden Pirlepsov, cyclotron Institute, Texas A&M University, College Station, Texas	<i>Asymptotic Scattering Wave Function for Three Charged Particles and Astrophysical Capture Processes</i>
March 10	Dr. Robert Grzywacz, University of Tennessee and Oak Ridge National Laboratory, Oak Ridge, Tennessee	<i>Experimental Studies of the Nuclei Far from Stability with Digital Signal Processing</i>
March 11	Dr. Ralf Rapp, Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Thermal Field Theory and Instantons I</i>
March 17	Professor Nguyen Dinh Dang, RIKEN, Wako, Japan	<i>Particle-Number Conservation with the Self-Consistent RPA</i>

March 22	Dr. Stratos Galanopoulos, National Technical University of Athens, Athens, Greece	<i>Proton Capture Cross Section Measurements in Sr Isotopes Relevant to p-Process Nucleosynthesis</i>
March 24	Dr. Michael Famiano, National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, Michigan	<i>High Resolution Experiments in Nuclear Astrophysics</i>