

INSTITUTE COLLOQUIA AND SEMINARS

April 1, 1999-March 31, 2000

1999

April 8	Dr. J.-P. Longequeue, INPG, Grenoble, France	<i>Hybrid Reactors</i>
April 16	Prof. R. Warner, Oberlin College, Oberlin, Ohio	<i>Active-target Measurements of Reaction Cross Sections of Light Radioactive Nuclei</i>
April 20	Dr. J.D. Garrett, Physics Division, ORNL, Oak Ridge, Tennessee	<i>Plans for Constructing a Radioactive Ion Beam Facility at the Spallation Neutron Source Site in Oak Ridge</i>
May 6	Dr. E. Roeckl, GSI Darmstadt, Germany	<i>Beta Decay of Very Proton-Rich Nuclei: A Report on Recent Experiments Performed at GSI Darmstadt</i>
May 6	Dr. T.L. Khoo, Argonne National Lab, Argonne, Illinois	<i>Tunneling from Super- to Normal-deformed Minima in Nuclei</i>
May 7	Dr. W. Mittig, GANIL, Caen, France	<i>Spin Orbit Interaction and Shell Closures far from Stability</i>
May 12	Dr. B. Meyer, Department of Physics, Clemson University, Clemson, South Carolina	<i>Nuclear Reactions Governing Nucleosynthesis in Alpha-Rich Freezouts in Supernovae</i>
May 18	Dr. D. May, Cyclotron Institute, TAMU	<i>A Report on the Recent 14<sup>th</sup> International Workshop on ECR Ion Sources</i>
May 25	Dr. R. Wada, Cyclotron Institute, TAMU	<i>Reaction Dynamics on <math>^{64}\text{Zn}+^{58}\text{Ni}</math> at 35-79A MeV</i>
June 2	Dr. Y. Fujita, RCNP, Osaka, Japan	<i>Isospin- and Mirror-symmetry Structures of Nuclei Studied Through Weak, EM and Strong Interactions</i>
June 3	Dr. H. Ueno, RCNP, Osaka, Japan	<i>(<math>^6\text{Li}</math>, <math>^6\text{He}</math>) Reaction at 100 MeV/nucleon as a Probe of Spin-excitation Strengths</i>
June 22	Prof. S.A. Gurvitz, Weizmann Institute of Science, Rehovot, Israel	<i>New Treatment of Tunneling Problems</i>

June 23	Dr. M.A. Vasiliev, Cyclotron Institute, TAMU	<i>Proton Induced Drell-Yan Dimuon Production at 800 GeV/c</i>
July 20	Dr. B.-H. Sa, China Institute of Atomic Energy, Beijing, China & TAMU Cyclotron Institute	<i>J/Psi Dynamical Suppression in a Hadron and String Cascade Model</i>
July 27	Dr. A. Bonasera, INFN, Catania, Italy & TAMU Cyclotron Institute	<i>Critical Phenomena in Finite Systems</i>
July 28	T. Sandu, Cyclotron Institute, TAMU, General Defense Seminar	<i><math>{}^6\text{Li}</math> Elastic Scattering at <math>\approx 10</math> MeV/A</i>
August 3	Dr. A. Bonasera, INFN, Catania, Italy & TAMU Cyclotron Institute	<i>Critical Phenomena in Finite Systems (cont.)</i>
August 17	Prof. R.G. Helmer, Idaho State University & Idaho National Engineering and Environ. Lab	<i>Precise Gamma-ray Energy and Intensity Measurement with Ge Semiconductor Detectors</i>
September 1	Dr. Masayuki Asakawa, Nagoya University, Nagoya, Japan	<i>Analysis of Spectral Functions in Lattice QCD with the Maximum Entropy Method</i>
September 7	Prof. M.H. Urin, Moscow Engineering and Physical Institute	<i>Structure and Decay Properties of Various Giant Resonances Within a Semimicroscopic Approach</i>
September 9	Prof. H. Utsunomiya, Konan University, Kobe, Japan	<i>Photoneutron Cross-section Measurement on <math>{}^9\text{Be}</math> by Inverse Compton Scattering of Laser Photons</i>
September 14	Dr. S.F. Hicks, University of Dallas	<i>Nuclear Structure Studies of the Stable Tellurium Isotopes</i>
October 4	Prof. V.M. Kolomietz, INR Kiev, Ukraine & TAMU Cyclotron Institute	<i>Instabilities and Damping in Finite Nuclei</i>
October 20	Dr. U. Heinz, CERN/TH, Geneva, Switzerland	<i>How Big is the Little Bang?</i>
October 26	Dr. T. Keutgen, Cyclotron Institute, TAMU	<i>Thermal and Dynamical Properties of Fusion-fission and Fusion-evaporation in <math>{}^{20}\text{Ne}+{}^{169}\text{Tm}</math> Reaction at 8, 10, 13 and 16 MeV per Nucleon</i>

October 28	T. Botting, Cyclotron Institute, TAMU General Defense Seminar	<i>Probing Fission Time Scales and Dynamics via GDR <math>\gamma</math> Rays and Neutron Angular Distributions</i>
November 3	G. Ajupova, TAMU Cyclotron Institute Graduate Student Seminar on Progress in Thesis	<i>(<math>d^3</math>He) Reactions: Supernovae Evolution and the Reaction Mechanism at the Intermediate Energies</i>
November 3	J. Musser, TAMU Cyclotron Institute Graduate Student Seminar on Progress in Thesis	<i>Measurement of the Michel Parameters: TRIUMF E614</i>
November 9	Dr. A. Bonasera, INFN, Catania, Italy & TAMU Cyclotron Institute	<i>Color Dynamics On Phase Space</i>
November 10	E. Mayes, TAMU Cyclotron Institute Graduate Student Seminar on Progress in Thesis	<i>High-precision Efficiency Calibration of a HPGe Detector</i>
November 10	X.D. Tang, TAMU Cyclotron Institute Graduate Student Seminar on Progress in Thesis	<i>Determine S-factor at <math>^{11}\text{C}(p, \gamma)^{12}\text{N}</math> by <math>^{14}\text{N}(^{11}\text{C}, ^{12}\text{N})^{13}\text{C}</math> <math>\alpha E_{\text{lab}} = 112</math></i>
November 15	Dr. B. Zhang, TAMU Cyclotron Institute	<i>Quark Gluon Plasma and Relativistic Heavy-Ion Collisions</i>
November 16	Dr. J. Rock, TAMU Nuclear Engineering Department	<i>TedibeAr Project: An Intense Ion Beam Development Experiment</i>
November 16	Dr. B. Freeman, TAMU Nuclear Engineering Department	<i>TedibeAr Project: An Intense Ion Beam Development Experiment</i>
November 17	E. Martin, TAMU Cyclotron Institute Graduate Student Seminar on Progress in Thesis	<i>Isospin Equilibrium and Nuclear Transparency</i>
November 17	D. Rowland, TAMU Cyclotron Institute Graduate Student Seminar on Progress in Thesis	<i>Projectile Fragmentation of <math>^{20}\text{Na}</math>, <math>^{20}\text{Ne}</math>, <math>^{20}\text{F}</math> at 32 MeV/nucleon</i>
November 30	Dr. M. Veselsky, TAMU Cyclotron Institute	<i>Influence of Nucleon Exchange on Projectile Multifragmentation</i>

December 1	A. Ruangma, TAMU Cyclotron Institute Graduate Student Seminar on Progress in Thesis	<i>Nuclear Temperature of 8 GeV/c <math>\pi</math>+Au</i>
December 1	E. Winchester, TAMU Cyclotron Institute Graduate Student Seminar on Progress in Thesis	<i>Isotopic Ratios as an Indicator of a Mid-rapidity Phase Transition</i>
December 2	Dr. M. Sanchez-Vega, Uppsala University, Nyköping, Sweden	<i>High-sensitivity <math>\gamma</math> Spectroscopic Studies at the Exotic Doubly Magic Region <math>^{132}\text{Sn}</math></i>
December 14	Prof. Y. Stozhkov, Lebedev Physical Institute, Moscow, Russia	<i>Possible Explanation of the Solar Neutrino Deficit Problem</i>
December 17	Dr. S.E. Vigdor, Dept. of Physics, Indiana University	<i>Sniffing Glue in Spinning Protons</i>
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January 12	Dr. G. Souliotis, Institute of Nuclear Physics of NCSR "Demokritos", Athens, Greece	<i>Fission of <math>^{238}\text{U}</math> Projectiles at Intermediate Energy: Production Cross Sections and Rates of Very Neutron-Rich Nuclides</i>
February 1	Mr. P. Santi, University of Notre Dame, Notre Dame, IN	<i>Study of the Unbound Nucleus <math>^{10}\text{Li}</math> via Single Particle Stripping Reaction</i>
February 14	Prof. Yu. Efremenko, University of Tennessee	<i>Perspective of Medium Energy Neutrino Physics at SNS</i>
March 8	Dr. Darleane C. Hoffman, University of California, Berkeley	<i>The Long-Sought SuperHeavy Elements (SHEs): One-Atom-At-A-Time Nuclear Chemistry</i>
March 29	Prof. Horst Schmidt-Bocking, GSI and University of Frankfurt, Germany	<i>Experimental Study of the Complete Fragmentation of D<sub>2</sub> Molecules After Single Photon Absorption: Beyond Born-Oppenheimer</i>