INSTITUTE COLLOQUIA AND SEMINARS
April 1, 2008-March 31, 2009

2008

April 4	Dr. Pasi Huovinen, Deparment of Physics, Purdue University, West Lafayette, Indiana	*From Perfect Liquid to Viscous Fluid: Hydrodynamics at RHIC*
April 8	Dr. Alejandro Sonzogni, National Nuclear Data Center, Brookhaven National Laboratory, Upton, New York	*Data and Tools Available at the National Nuclear Data Center*
April 15	Dr. J. A. Gladysz, Department of Chemistry, Texas A&M University, College Station, Texas	*Novel New Approaches to (Catalyst) Recovery, Remediation, and Rapid Reaction Sequences Involving Fluorous Phases*
April 16	Professor G. Viesti, INFN and Dapartimento di Fisica, Universita di Padova, Podova, Italy	*The EURITRACK Project: Status of a Tagged Neutron Inspection System for Cargo Containers*
April 24	Professor Claudio Spitaleri, University of Catania and INFN Laboratori Nazionali del Sud, Catania, Italy	*The Trojan Horse Method in Nuclear Astrophysics: Recent Applications*
April 25	Dr. Yongseok Oh, Cyclotron Institute, Texas A&M University, College Station, Texas	*Photoproduction of Strangeness: K*Λ/K*Σ Production and KΣ*(1385)Production*
May 8	Dr. Kris Hagel, Cyclotron Institute, Texas A&M University, College Station, Texas	*Particle Production in p + p Reactions at* $\sqrt{S_{NN}}$ *= 200 GeV*
June 10	Dr. Swapan Kumar Basu, Variable Energy Cyclotron Centre, Kolkata, India,	*What's Going On at the Cyclotron Centre, Kolkata*
June17	Dr. Dongwon Lee, Lawrence Berkeley National Laboratory, Berkeley, California	*Study of Proton-Rich Nuclei Using Radioactive and Stable Ion Beams at the Lawrence Berkeley National Laboratory*
July 8	Professor Y. El Masri, Institute of Nuclear Physics – Catholic University of Louvain-la-Neuve, Belgium	*Proton Induced Fission on Actinide Nuclei at Energies 26.5 and 62.9 MeV*

August 5	Professor Y. El Masri, Institute of Nuclear Physics – Catholic University of Louvain-la-Neuve, Belgium	*Elemental Analysis by Nuclear Techniques (PIXE, RBS and ERDA) in Materials of Cultural Heritage and Other Scientific and Industrial Applications Carried Out at the LLN, VdG and the Louvre Museum Tandem Facilities*
August 12	Professor Zbigniew Majka, Facility for Antiproton and Ions Research, Darmstadt, Germany and Jagiellonian University, Krakow, Poland	*FAIR Project – Status and Research Program*
August 15	Professor J. J. Das, Inter University Accelerator Centre, New Delhi, India	*Possible Upgrade of IUAC Tandem-Linac Facility for Neutron Rich RIBS*
August 15	Dr. Su Houng Lee, Yonsei Univeristy, Seoul, Korea	*Diquark, Exotics and Heavy Ion Collisions*
August 25	Professor Y. El Masri, Institute of Nuclear Physics – Catholic University of Louvain-la-Neuve, Belgium	*Microscopic Studies of Light Charged Particle and Neutron Production in ^{nat}Si Using Proton and Alpha Beams of Energies between 20 and 65 MeV*
September 2	Professor Aurel Bulgac, University of Washington, Seattle, Washington	*The Incredible Many Facets of the Unitary Fermi Gas*
September 26	Mr. Xingbo Zhao, Cyclotron Institute, Texas A&M University, College Station, Texas	*Charmonium Production in Heavy-Ion Collisions*
October 3	Dr. V. Z. Goldberg, Cyclotron Institute, Texas A&M University, College Station, Texas	*α–Cluster Structure in Light N≠Z Nuclei*
October 7	Dr. Raj K. Gupta, Physics Department, Panjab University, Chandigarh, India	*Clusters in Nuclei*
October 13	Dr. Ken-ichiro Yoneda, RIKEN NISHINA Center for accelerator-Based Science, Wako, Japan	*Current Status of the Radioactive Isotopes Beam Factory (RIBF) and SAMURAI Project at RIKEN*
October 14	Dr. Timothy Hallman, Brookhaven National Laboratory, Upton, New York	*Characterizing the New State of Strongly Interacting Quark-Gluon Matter Discovered at RHIC*
October 16	Professor W. H. Dickhoff, Department of Physics, Washington University, St. Louis, Missouri	*Data-Driven Path to the Dripline – How Correlations Change as a Function of Nucleon Asymmetry*

October 31	Dr. Felix Riek, Cyclotron Institute, Texas A&M University, College Station, Texas	*Covariant and Self Consistent Vertex Corrections for Pions and Isobars in Nuclear Matter*
November 6	Professor L. G. Sobotka, , Department of Chemistry, Washington University, St. Louis, Missouri	*Studies of a) Correlations, b) Continuum Structure and c) the Caloric Curve of God's Quantum Dots*
November 24	Dr. Sandeep S. Ghugre, UGC-DAE Consortium for Scientific Research, Kolkata, India	*Spectroscopy of Nearly Spherical Nuclei Using the Indian National Gamma Array (INGA)*
November 25	Dr. Hideki Hamagaki, Center for Nuclear Study (CNS), University of Tokyo, Tokyo, Japan	*Electro-Magnetic Measurements at RHIC PHENIX*
December 2	Professor James P. Vary, Department of Physics and Astronomy, Iowa State University, Ames, Iowa	*Today's Atomic Nucleus – Bridge from Quarks to the Cosmos*
December 5	Professor Bao-An Li, Department of Physics, Texas A&M University at Commerce, Commerce, Texas	*Constraining the EOS of Neutron-Rich Nuclear Matter and Properties of Neutron Stars with Central Heavy-Ion Collisions*

2009

January 27	Dr. Cheuk-Yin Wong, Oak Ridge National Laboratory, Oak Ridge, Tennessee	*The Momentum Kick Model Description of the Ridge and Jet Quenching*
January 30	Mr. Steffen A. Bass, Department of Physics, Duke University, Durham, North Carolina	*What Do We Know about the Shear-Viscosity of QCD Matter?*
February 17	Mr. Timothy Daniels, Department of Physics and Astronomy, University of North Carolina, Chapel Hill, North Carolina	*Spin-Correlation Coefficients and Phase-Shift Analysis for $p+^3He$ Elastic Scattering*
February 24	Professor O. Zeynalova, JINR-Joint Institute for Nuclear Research, Dubna, Moscow, Russia	*DSP Algorithms for Fission Fragment and Prompt Fission Neutron Spectroscopy*
February 26	Dr. Victor Golovko, Department of Physics, Queen's University, Kingston, Ontario, Canada	*The Use of Geant4 for Simulation of the DEAP1 Detector*
March 3	Dr. Hendrik van Hees, Justus-Liebig Universität, Giessen, Germany	*Heavy Quarks in the Quark-Gluon Plasma*

March 10	Ms. Jill Berryman, NSCL, Michigan State University, East Lansing, Michigan	*Magnetics Dipole Moment of the Short-lived Radioisotope ^{55}Ni Measured by β-NMR Spectroscopy*
March 13	Dr. Hendrik van Hees, Justus-Liebig Universität, Giessen, Germany	*Dileptons in Heavy-Ion Collisions*
March 17	Professor Jerimy C. Polf, M. D. Anderson Cancer Center, University of Texas, Hoston, Texas	*Proton Radiotherapy at M. D. Anderson Cancer Center: Clinical Practice and Current Research*
March 24	Dr. Lixin Chen, Cyclotron Institute, Texas A&M University, College Station, Texas	*Mass Measurement of Stored and Cooled Exotic Nuclei with Schottky Mass Spectrometry*
March 31	Dr. R. Gianluca Pizzone, Dipartimento di Metodologie Fisiche e Chimiche, Universita di Catania and Laboratori Nazionali del Sud, Catania, Italy	*Trojan Horse Method as an Indirect Technique for Nuclear Astrophysics*