

INSTITUTE COLLOQUIA AND SEMINARS

April 1, 2016- March 31, 2017

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| April 5 | Prof. W. Udo Schroeder, Department of Chemistry and Physics, University of Rochester, Rochester, New York | <i>"Fission Chips" – Unusual Flavors (Dynamic Nuclear Instabilities in Fission-Like Reactions)</i> |
| April 12 | Professor D. Lee, Department of Physics, North Carolina State University, Raleigh, North Carolina | <i>Recent Results in Nuclear Lattice Effective Field Theory</i> |
| May 17 | Professor Aurel Bolgac, Department of Physics, University of Washington, Seattle, Washington | <i>Induced Fission in Real-Time</i> |
| May 24 | Professor Dr. Klaus Blaum, Max-Planck-Institut für Kernphysik, Heidelberg, Germany | <i>Fundamental Tests of Nature with Cooled and Stored Exotic Ions</i> |
| May 31 | Dr. Kyle W. Brown, Washington University in St. Louis, St. Louis, Missouri | <i>Continuum Nuclear Structure Accessed via the Invariant-Mass Method</i> |
| June 15 | Dr. Brent Barker, Physical Science, Roosevelt University, Chicago, Illinois | <i>Predicting Post-Impact Dynamics in Intermediate Energy Nuclear Collisions. Using Competency-Based Assessment to Develop Collaborative Classrooms.</i> |
| July 21 | Prof. Umesh Garg, Department of Physics, University of Notre Dame, South Bend, Indiana | <i>Nuclear Incompressibility, the Asymmetry Term, and Fluffiness of Open-Shell Space</i> |
| August 17 | Dr. Justin Mabiata, Cyclotron Institute, Texas A&M University, College Station, Texas | <i>Pre-equilibrium Emission and Its Possible Relation to Alpha-Clustering in Nuclei</i> |
| September 9 | Dr. Andre Mischke, Department of Physics and Astronomy, University of Utrecht, Utrecht, The Netherlands | <i>Hot QCD Matter</i> |
| September 14 | Dr. Tommi Eronen, Cyclotron Institute, Texas A&M University, College Station, Texas | <i>Probing Fundamental Physics: The Fruitful IGISOL/JYFLTRAP (ion Guide/Penning Trap) Combination</i> |

November 1	Dr. Gavin Lotay, Department of Physics, University of Surrey, England, United Kingdom	<i>Frontiers in Explosive Nuclear Astrophysics</i>
November 15	Professor Tetyana Galatyuk, Institute of Nuclear Physics, Technische Universität Darmstadt, Darmstadt, Germany	<i>Shine a Light! When Matter Shatters</i>
<u>2017</u>		
January 10	Assistant Prof. Kyujin Kwak, Ulsan National Institute of Science and Technology, Ulsan, South Korea	<i>Nuclear Astrophysics in Korea: Experience with RAON (Korean Rare Isotope Accelerator) and Related Astrophysical Research</i>
January 24	Dr. Volker Koch, Nuclear Science, Lawrence Berkeley National Laboratory, Berkeley, California	<i>Fluctuations, Correlations and the QCD Phased Diagram</i>
February 14	Associate Professor Vincenzo Greco, Nuclear and Theoretical Physics, University of Catania, Catania, Sicily, Italy	<i>Open Heavy Flavor Dynamics in the Hot QCD Created in URHICs</i>
February 21	Associate Professor Chiho Nonaka, Particle and Astrophysical Science, University of Nagoya, Nagoya, Japan	<i>Radiative Recombination at the Quark-Hadron Phase Transition</i>
March 8	Dr. Lee Bernstein, Lawrence Berkeley National Laboratory, University of California, Berkeley, California	<i>Inelastic Neutron Scattering – From Baghdad to Berkeley</i>
March 10	Assistant Prof. Kohshin Washiyama, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University, Kanazawa, Japan	<i>Current Status of Medical Alpha Emitter Production in Japan</i>
March 24	Dr. Oscar Trippella, Istituto Nazionale di Fisica Nucleare, University of Perugia, Perugia, Italy	<i>The ^{13}C Neutron Source for the S-Process in AGB Low-Mass Stars</i>