

INSTITUTE COLLOQUIA AND SEMINARS

April 1, 2022 - March 31, 2023

2022

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| April 5 | Dr. Ragnar Stroberg,
Assistant Physicist,
Argonne National Laboratory,
Argonne, Illinois 60439 | <i>Thick or thin? Ab initio calculations of the ^{208}Pb neutron skin</i> |
| May 3 | Asistant Professor Kristina Launey
Loudisns State University,
Baton Rouge,
Louisana | <i>Nuclear clustering and reactions from first principles</i> |
| May 26 | Research professor Robert Charity,
Department of Chemistry,
Washington University in St. Louis,
St. Louis, Missouri 63130 | <i>Proton-rich exotica: 4,5,6-body decays in the light nuclei</i> |
| August 11 | Mr. Theo Depastas,
Department of Physics & Astronomy,
Texas A&M University,
College Station, Texas | <i>A study of the nuclear equation of state in the context of molecular dynamics: ground state properties and giant resonances</i> |
| August 23 | Dr. Xiaodong Tang,
Institute of modern physics,
Chinese academy of sciences,
Lanzhou,
China | <i>Deep underground laboratory measurement of $^{12}\text{C}(\alpha,n)^{16}\text{O}$ in the Gamow windows of the s- and i-process</i> |
| September 6 | Dr. George A. Souliotis
Laboratory of Physical Chemistry,
Department of chemistry,
National and Kapodistrian,
University of Athens,
Athens, Greece | <i>Study of multinucleon transfer channels in heavy-ion-induced peripheral collisions at beam energies of 15-25 Mev/nucleon</i> |
| September 13 | Professor Alex Magner
Kyiv Institute, National Academy of
Science of Ukraine,
Kyiv, Ukraine | <i>Nuclear level density in the micro-macroscopic approach</i> |
| September 27 | Meytal Duer,
Technische Universitat Darmstadt,
64289 Darmstadt,
Germany | <i>The quest for the tetra-neutron</i> |

October 20	Dr. Andrea Richard Postdoctoral Research Lawrence Livermore National laboratory, Livermore, California	<i>Unraveling the mystery of i-process nucleosynthesis one reaction at a time</i>
December 6	Professor Benoit Gall University of Strasbourg and CNRS- IPHC Strasbourg, France	<i>Developments of intense metallic beams for spectroscopy and synthesis of superheavy elements</i>
December 13	Dr. Belen Monteagudo Godoy Facility for Rare Isotope Beams (FRIB) Michigan State University East Lansing, Michigan 48824	<i>Structure of the Be heavy isotopes ^{16}Be, ^{15}Be and ^{14}Be</i>
<u>2023</u>		
January 24	Dr. Natsumi Ikeno, Tottori University, Japan and Cyclotron Institute, Texas A&M University, College Station, Texas	<i>Meson-nucleus bound system and exotic hadron</i>
February 7	Jennifer Smith, Assistant VP & Title IX Coordinator University Risk, Ethics and Compliance, Texas A&M University	<i>Nine things every faculty and staff should know about title IX (and civil rights!) at Texas A&M University</i>
February 14	Dr. Matt Williams, Lawrence Livermore national Laboratory, Livermore, California	<i>Experimental studies on the nuclear fingerprints of massive stars</i>
March 7	Caleb Benetti John D. Fox Superconducting Accelerator Laboratory Florida State University Tallahassee, Florida 32306	<i>Two particle transfer reactions for nuclear structure</i>
March 23	Professor Shelly Leshner, Professor and chair of physics, University of Wisconsin and guest Professor, university of Notre Dame	<i>What can we learn from history? The impact of nuclear science on society</i>