

INSTITUTE COLLOQUIA AND SEMINARS

April 1, 2021 - March 31, 2022

2021

- April 6 Dr. Christian Drischler, FRIB Theory Fellow, Michigan State University, East Lansing, Michigan *From chiral interactions to neutron stars and why EFT truncation error matter*
- April 13 Dr. Michael Wiescher, Freimann Professor of Physics, University of Notre Dame, South Bend, Indiana *Carbon fusion in late stellar evolution*
- April 20 Dr. Joaquin Drut, Associate Professor, University of North Carolina at Chapel Hill, North Carolina *From dilute to dense, one particle at a time: calculating and resumming the viral expansion of quantum hases*
- April 27 Dr. Paul Schaffer, Ph. D. Associate Laboratory Director, Life sciences, TRIUMF, Associate Professor, Radiology, University of British Columbia, and Adjunct Professor, Chemistry, Simon Fraser University, British Columbia, Canada *Accelerator-based radionuclide and radiopharmaceutical research at TRIUMF*
- July 22 Dr. Jack Bishop, Postdoctoral Research Associate, Cyclotron Institute, Texas A&M University, College Station, Texas *Experimental studies of ^{12}C with the TexAT TPC*
- September 15 Dr. Alan McIntosh, Assistant Research Scientist, Cyclotron Institute, Texas A&M University, College Station, Texas *Impacts of neutron excess on equilibrating and equilibrated nuclear systems*
- October 5 Professor Ariel Zhitnitsky, Department of Physics and Astronomy, university of British Coulumbia, British Columbia, Canada *Axion quark nuggets and matter-antimatter asymmetry as two sides of the samecoin: theory, observations and future searches*
- November 9 Dr. Giuseppe Cardella, Research Director, INFN Catania, Catania, Italy *On the gamma and particle decay of excited levels of ^{12}C : the case of the Hoyle and 9.64 MeV levels*
- November 16 Professor Dellon Doru, Senior Research, Horia Hulubel National Institute of Physics and Nuclear Engineering *Alpha-decay versus alpha-clustering*

- November 23 Dr. Abdou Chbihi, CNRS Research Director, Grand Accélérateur National d'Ions Lourds (GANIL), Caen, France *Exploring the EOS at low densities*
- November 30 Dr. Taka Kajino, Beihang University, Beijing, China *Origin of heavy nuclei and the roles of fission and RNB physics*
- December 6 Dr. Ian Thompson, Staff Scientist, Lawrence Livermore national Laboratory, Livermore, California *Using experiments and theories for nuclear data evaluations*

2022

- February 22 Dr. Remco Zegers, NSCL Associate Director for Experimental Nuclear Science and Professor at Michigan State University, East Lansing, Michigan *Electron captures in supernovae*
- March 1 Dr. Phiala Shanahan, Assistant Professor, Massachusetts Institute of Technology, Cambridge, Massachusetts *From quarks to nuclei: A computational revolution*