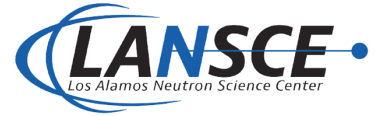


LANSCCE Futures Spring 2021 Workshop Series

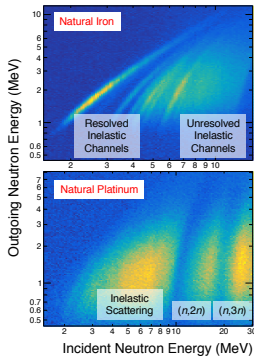
developing the technical case for cutting-edge science at the NNSA-supported LANSCCE endstations to 2050 and beyond



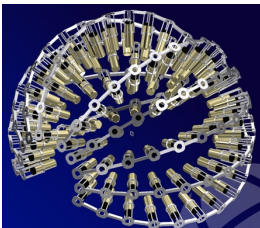
Workshop 3 of 4: Nuclear Science

During the workshop, we solicit new ideas to enhance the current nuclear science capabilities at LANSCCE and will discuss recommendations for further development options at endstations. Please register using [this link](#) by April 30th and for a talk's title submission if willing to present ideas on LANSCCE endstation improvement to benefit your program. For any questions, email Hye Young Lee (hylee@lanl.gov) or Shea Mosby (smosby@lanl.gov).

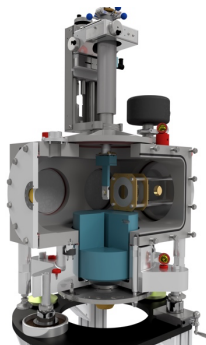
Neutron scattering data taken @WNR (K. Kelly)



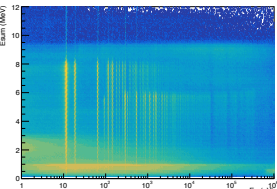
Prototype scattering array rendering (E. Bennett)



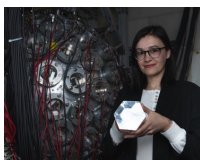
hotLENZ instrument for studying (n,z) reactions on radionuclides (H.Y. Lee)



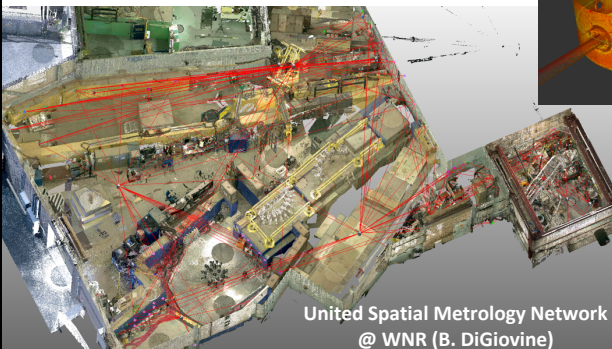
(n,z) reaction measurement with a 6-day half life, ⁵⁶Ni @ WNR (S. Kuvin)



E. Cidoncha is holding a barium fluoride crystal in front of DANCE @Lujan



DANCE data for neutron capture on an isotopically enriched sample of ¹⁹⁶Pt (C. Fry)



United Spatial Metrology Network @ WNR (B. DiGiovine)

Open WebEx Sessions on May 10th 2021

invited speakers:

Eva Birnbaum (Los Alamos National Laboratory)
Mark Chadwick (Los Alamos National Laboratory)
Tommy Cisneros (TerraPower, LLC)
Takeyasu Ito (Los Alamos National Laboratory)
Marian Jandel (University of Massachusetts Lowell)
Keegan Kelly (Los Alamos National Laboratory)
Rene Reifarth (Goethe University, Germany)
Jennifer Jo Ressler (Lawrence Livermore National Laboratory)
Greg Severin (Michigan State University)
Vlad Sobes (University of Tennessee, Knoxville)
Richard Van de Water (Los Alamos National Laboratory)
Etienne Vermeulen (Los Alamos National Laboratory)
Jack Winkelbauer (Los Alamos National Laboratory)
Sherry Yennello (Texas A&M University)
Michael Zerkle (Naval Nuclear Laboratory)

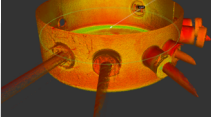
Classified Session on May 11th 2021

at NSSB conference room (Max. occupancy: 60 people)

invited LANL speakers:

Grant Bazan (XTD-DO)
Christopher Fryer (CCS-2)
John Gibbs (XTD-PRI)
John Goett (P-2)
August Keksis (C-NR)
Paul Koehler (P-3)
Sean Kuvin (P-3)
Michelle Mosby (XTD-NTA)
Shea Mosby (P-3)
Christopher Prokop (P-3)

Target 4 @ WNR



Device for Indirect Capture Experiments on Radionuclides (DICER) @Lujan (P. Koehler)

