

Selected Presentations

Andrew S. Voyles

March 20, 2023

- A.S. Voyles, “Isotope Production Activities at LBNL: The Tri-Lab Effort in Nuclear Data (TREND), and Novel Production Pathways for ^{225}Ac .” 18th International Workshop on Targetry and Target Chemistry, Whistler, Canada. 24 August 2022.
- A.S. Voyles, “Investigating High-Energy Proton-Induced Reactions: Implications for Level Densities and the Preequilibrium Exciton Model.” 8th Workshop on Nuclear Level Density and Gamma Strength, Oslo, Norway. 10 May 2022.
- A.S. Voyles, “Nuclear data for isotope production.” Symposium on Radiotherapeutics: From Isotope Production to Targeted Delivery, American Chemical Society Spring 2021 Meeting, *online*. 06 April 2021. (invited)
- A.S. Voyles, “ $^{238}\text{U}(\text{p},\text{xn})$ and $^{235}\text{U}(\text{d},\text{xn})$ $^{235-237}\text{Np}$ Nuclear Reaction Cross Sections Relevant to the Production of $^{236\text{g}}\text{Np}$.” Workshop for Applied Nuclear Data Activities, *online*. 03 February 2021.
- A.S. Voyles, “Targetry Fabrication for Nuclear Data Measurements.” Workshop for Applied Nuclear Data Activities, Washington, D.C.. 04 March 2020. (invited)
- A.S. Voyles, “Capabilities for Isotope Production Nuclear Data Measurements at LBNL.” Workshop for Applied Nuclear Data Activities, Washington, D.C.. 23 January 2019. (invited)
- A.S. Voyles, “Isotope Production Activities at LANSCE-IPF: Development of a new $\text{Nb}(\text{p},\text{x})^{90}\text{Mo}$ Monitor Reaction and $\text{La}(\text{p},\text{x})$ Production Cross-Section Measurements.” 2018 LANSCE User Group Meeting, Santa Fe, NM. 05 November 2018. (invited)
- A.S. Voyles, “Isotope Production Activities at LBNL and LANSCE-IPF: Development of a new $\text{Nb}(\text{p},\text{x})^{90}\text{Mo}$ Monitor Reaction and $\text{Fe},\text{La}(\text{p},\text{x})$ Production Cross-Section Measurements.” 17th International Workshop on Targetry and Target Chemistry, Coimbra, Portugal. 30 August 2018.
- A.S. Voyles, “Isotope production cross section measurements at the HFNG, LANL-IPF, and LBNL.” 14th Nordic Meeting on Nuclear Physics, Longyearbyen, Norway. 24 May 2018.
- A.S. Voyles, “Cross-Section Measurements for Novel Medical Radionuclides at UCB/LBNL: The Challenge of ‘Simple’ Experiments.” UC Berkeley NE Dept. Graduate Colloquium, Berkeley, CA. 12 February 2018. (invited)
- A.S. Voyles, “Medical Isotope Production at Berkeley.” University of Oslo Nuclear Physics Summer School, Oslo, Norway. 19 May 2017. (invited)
- A.S. Voyles, “Spin Distribution of Excited Nuclear States in $^{\text{nat}}\text{Fe}(\text{p},\alpha\text{n})$.” 6th Workshop on Nuclear Level Density and Gamma Strength, Oslo, Norway. 08 May 2017.
- A.S. Voyles, “Experimental Activities in Berkeley.” US National Nuclear Data Week (CSEWG), Upton, NY. 14 November 2016.
- A.S. Voyles, “ ^{64}Cu and ^{47}Sc (n,p) Cross-Section Measurements for Medical Radionuclide Production.” 16th International Workshop on Targetry and Target Chemistry, Santa Fe, NM. 30 August 2016.
- A.S. Voyles, “Neutron Cross-Sections for Radionuclide Production” (Poster). University & Industry Technical Interchange 2016 Review Meeting, Raleigh, NC. 07 June 2016.

A.S. Voyles, “GEANT4 Simulation of Irradiation Facilities and Neutron Sources at University of Utah TRIGA for Nuclear Forensics and Detection.” AICHE Annual Meeting, Minneapolis, MN. 19 October 2011.

A.S. Voyles, “GEANT4 Simulation of Irradiation Facilities and Neutron Sources at University of Utah TRIGA for Nuclear Forensics and Detection.” 2nd National Conference in Advancing Tools and Solutions for Nuclear Material Detection, Salt Lake City, UT. 02 May 2011.

A.S. Voyles, “GEANT4 Simulation of Irradiation Facilities at University of Utah TRIGA (2011).” ANS Student Conference, Atlanta, GA. 15 April 2011.

1 ORGANIZATION OF CONFERENCES AND SYMPOSIA

- Session Chair, “Department of Energy Isotope Programs”, Workshop for Applied Nuclear Data Activities, 27 February – 02 March 2023.
- Session Chair, “Predictive Codes for Isotope Production”, Workshop for Applied Nuclear Data Activities, 25 January – 03 February 2021.