



DEPARTMENT OF PHYSICS AND ASTRONOMY

COLLOQUIUM **IN-PERSON ONLY EVENT**

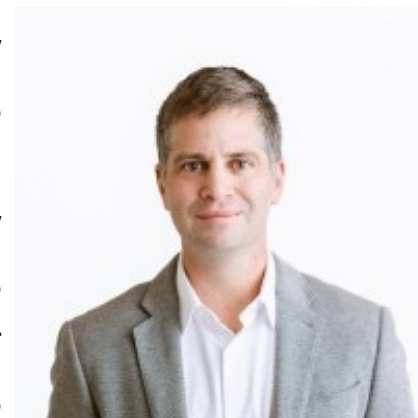


Advancing Tritium Fuel Cycle Research at Savannah River National Laboratory

George Larsen

Principal Scientist
Savannah River National Laboratory

The ever-increasing power demands of artificial intelligence systems are driving the pursuit of novel, high-efficiency energy sources. Fusion energy, propelled by significant private investment and emergent technological advancements, stands out as a promising carbon-free solution. Among the potential fuels for fusion reactors, hydrogen isotopes present both opportunities and challenges, particularly in the tritium fuel cycle due to tritium's scarcity and radioactivity. This talk provides an overview of recent and ongoing tritium fuel cycle research at Savannah River National Laboratory (SRNL). Furthermore, attendees will gain insight into SRNL's initiatives, internship opportunities for students, and the potential for collaborative endeavors.



Thursday, November 6, at 3:55 PM

IN-PERSON EVENT ROOM 202

Local Contact: Dr. Tho Nguyen, ngtho@uga.edu