

IAEA Technical Meeting on Proliferation Resistance Features of Fast
Reactors and Associated Fuel Cycles



Contribution ID: 21

Type: **not specified**

**An In-situ Feed Monitoring System for Molten Salt
Reactors - With Fast Neutron Energy Spectrum
Molten Salt Reactor Applications**

Wednesday 20 August 2025 10:00 (30 minutes)

Speaker's title

Ms

Speaker's email address

hoguekk@ornl.gov

Country/Int. organization

United States of America

Affiliation/Organization

Oak Ridge National Laboratory

Author: HOGUE, Karen (Oak Ridge National Laboratory)

Co-authors: HENNING, Aarin (Georgia Institute of Technology); Dr SWINNEY, Mathew (Oak Ridge National Laboratory); BOWERS, Peter (Oak Ridge National Laboratory); Dr SOBEL, Peter (Oak Ridge National Laboratory); CHIRAYATH, SUNIL SUNNY (Oak Ridge National Laboratory, Oak Ridge, Tennessee, USA); Dr SKUTNIK, Steve (Oak Ridge National Laboratory)

Presenter: HOGUE, Karen (Oak Ridge National Laboratory)

Session Classification: Track 4: Safeguardability of Fast Reactors and Associated Fuel Cycles

Track Classification: Track 4: Safeguardability of Fast Reactors and Associated Fuel Cycles