

【Track7】 MOX & TRU Fuel Evaluation

- **1.5D BISON Modeling and Bayesian Calibration of Metallic U-TRU Fuel Performance for Accelerated Fuel Qualification**

Nicholas Fassino(Oklo Inc.),Evrard Lacroix(Oklo Inc.)

- **Development of fabrication methods for MOX pellets with low O/M ratio**

Shun Hirooka(Japan Atomic Energy Agency),Masatoshi Akashi(Japan Atomic Energy Agency),Romain Vauchy(Japan Atomic Energy Agency),Naoya Furusawa(Inspection Development Company),Tadahisa Yamada(Inspection Development Company),Takeo Sunaoshi(Inspection Development Company),Kosuke Saito(Japan Atomic Energy Agency)

- **Preliminary Validation of OFFBEAT Beginning-of-Life Irradiation Analysis Capabilities for Minor Actinide-bearing Fast Reactor MOX Fuels with the Am-1 Experiment**

Karl J. X. Sturm(École Polytechnique Fédérale de Lausanne),Alessandro Scolaro(Paul Scherrer Institut),Mathieu Hursin(École Polytechnique Fédérale de Lausanne)

- **Integrated AI Approach for TRU Fuel Data Management and Gap Identification**

Leala Carbonneau(Idaho National Laboratory),Victor Hubbard(Idaho National Laboratory),Karen Souza(Idaho National Laboratory),Bradlee Jensen(Idaho National Laboratory),Courtney Otani(Idaho National Laboratory),Mathew Anderson(Idaho National Laboratory),Colby Jensen(Idaho National Laboratory),Tiankai Yao(Idaho National Laboratory),Todd Pavery(Idaho National Laboratory)