

Progress in the development of sapphire fiber optic sensors for nuclear applications

May 31, 2022

Teams Meeting

8:25am	Welcome and introduction	Patrick Calderoni (INL)
8:30am	Technical overview	Chris Petrie (ORNL)
8:45am	High Fluence Active Irradiation and Combined Effects Testing of Sapphire Optical Fiber Distributed Temperature Sensors (NSUF project)	Kelly McCary (INL)
9:00am	Irradiation of optical components of in-situ laser spectroscopic (NSUF project)	Igor Jovanovic (University of Michigan)
9:15am	Single crystal optical fibers for harsh environment (ARPA-E project)	Michael Buric (NETL)
9:30am	Research progress/outlook at Luna Innovations	Derek Roundtree (Luna)
9:45am	Research progress/outlook at Virginia Tech	Gary Pickrell/Daniel Homa (Virginia Tech)
10:00am	Research at AMPED (Pitt).....	Paul R. Ohodnicki, Jr.
10:15am	Discussion	Patrick Calderoni (INL)
11:00am	Closing.....	
