

Webinar Agenda
Advanced Sensors and Instrumentation (ASI)
2019 NE I&C Review
(All Times are Eastern Daylight Time)

Wednesday, October 23, 2019

- 10:00 am Welcome and Overview of Webinar Protocol (Craig Primer, INL)
- 10:15 am NEET-ASI Overview (Suibel Schuppner, DOE)
- 10:45 am LWRs Plant Modernization Overview (Craig Primer, INL)
- 11:00 am Fast Reactors (Bob Hill, ANL)
- 11:30 pm Advanced Fuels Program Overview (Colby Jensen, INL)
- 12:00 pm Molten Salt Reactors (Lou Qualls, ORNL)
- 12:30 pm Microreactors (Troy Unruh, INL)
- 1:00 pm *Lunch Break***
- 1:30 pm Transformational Challenge Reactor (Sagit Cetiner, ORNL)
- 2:00 pm Gas Reactors (Gerhard Strydom, INL)
- 2:30 pm Materials and Chemical Technologies Overview (Amanda Lines, PNNL)

Nuclear Plant Communication:

- 3:00 pm Wireless Valve Position Indication Sensor System (Vivek Agarwal, INL)
- 3:30 pm Transmission of Information by Acoustic Communication along Metal Pathways in Nuclear Facilities (Alexander Heifetz, Argonne National Laboratory)
- 4:00 pm Wireless Reactor Power Distribution Measurement System Utilizing an In-Core Radiation and Temperature Tolerant Wireless Transmitter and a Gamma-Harvesting Power Supply (Jorge Carvajal, Westinghouse Electric Company)
- 4:30 pm Distributed Antenna System for Wireless Data Communication in Nuclear Power Plants (Chad Kiger, AMS Corp)
- 5:00 pm Self-Powered Wireless Through-Wall Data Communication for Nuclear Environments (Lei Zuo, Virginia Tech)
- 5:30 pm Feedback/Discussion (Craig Primer, INL)
- 6:00 pm *Adjourn*