

# GAIN-EPRI-NEI SENSOR TECHNOLOGIES FOR ADVANCED REACTORS VIRTUAL WORKSHOP

“AN INTRODUCTION TO THE SENSOR GAP ASSESSMENT”



GAIN

EPRI

ELECTRIC POWER  
RESEARCH INSTITUTE

NEI  
NUCLEAR  
ENERGY  
INSTITUTE

OCTOBER 13, 2020

9:00 AM – NOON MT



## DRAFT AGENDA

The discussion will be organized around the need for a phased development approach for sensors demonstration in Material Test Reactors irradiation experiments and planned demonstration facilities.

**Tuesday, October 13, 2020**

Time (MDT)	Description	Presenter
<b><i>Set the Stage</i></b>		
8:30 a.m.	GoToWebinar System Test with Presenters	
9:00 a.m.	Webinar Guidelines	Lori Braase, GAIN
9:05 a.m.	Introduction to the Gap Assessment Process	Troy Unruh, INL
9:15 a.m.	Sensor Database	Yogi Dayal, INL
9:30 a.m.	Advanced Sensor and Instrumentation Development Activities	Patrick Calderoni, INL
10:00 a.m.	<i>Break</i>	
<b><i>Accelerate Demonstration of Innovative Sensors for Advanced Reactors Deployment</i></b>		
10:10 a.m.	The success story of integrating advanced, real time instrumentation in TREAT experiments	Colby Jensen, INL
10:40 a.m.	Instrumentation for the Advanced Gas Reactor irradiation test series in the INL Advanced Test Reactor	Joe Palmer, INL
11:10 a.m.	Planning integration of innovative sensors in Advanced Reactor demonstration facilities	Nick Smith, NRIC
11:40 a.m.	Summary Discussion and Path Forward	Patrick Calderoni, INL
12:00 p.m.	<i>Adjourn</i>	