

Innovate 2.0 at Oak Ridge National Laboratory

Welcome to Innovate 2.0, a dynamic workshop designed for early to mid-career engineers from the Department of Energy's National Laboratory complex. Join us on September 9-10, 2025, for an engaging experience focused on career development, configuration management, and cutting-edge engineering practices. This workshop aims to foster connections among peers while enhancing your knowledge of engineering practices across various facilities. We are excited to feature a keynote speaker from the nuclear fusion, fission, or small modular reactor industries, who will provide valuable insights relevant to today's engineering landscape. Don't miss this opportunity to expand your professional network and advance your career!

- Dates – Sept 9-10, 2025
- Scope/ Theme
 - Career development for Early to Mid-Career Engineers
 - Design Control Process Commonalities
- Objective
 - Establish a network of colleagues
 - Gain knowledge of engineering practices at other facilities
- Website <https://conference.sns.gov/event/503/>

SEPTEMBER 2025

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20

Innovate 2.0 Agenda

Day 1:

- 1) Opening session (Teams Option)
 - a. Welcome and Introductions
 - b. Keynote Speaker(s)
 - c. Overview of agenda
 - d. Discussion of Collaborations between Labs and Industry
 - e. Instructions for breakout session
- 2) Lunch
- 3) Breakout Session 1 – Career development groups (3-5 people) (Teams Option?)
 - a. Staff Retention
 - b. Recruiting
 - c. On boarding & Initial Training
 - d. Mentoring
 - e. Networking (internal and external)
 - f. Continuous learning/ educational opportunities
- 4) Breakout group summary reports (Teams Option)
- 5) Dinner

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Day 2:

1. Recap of Day 1
2. Presentation of Design Control Process Facility vs. Technical Challenges
 - a. LANL 30 Minutes
 - b. ORNL 30 Minutes
 - c. INL 30 Minutes
 - d. Open discussion for other Labs
3. Lunch
4. Breakout Session 2 – Configuration Management Process groups (3-5 people mix-up from Day 1) (Teams Option)
 - a. Engineering Tools
 - b. Process Ownership
 - c. Standards
 - d. Data Management
 - e. Application of Graded Approach
 - f. Review and Approval
5. Breakout group summary reports (Teams Option)
6. Closeout
7. ORNL Tour afternoon day 2 based on interest from attendees (poll 2 weeks prior)
 - a. SNS tour. The tunnel is closed so tour would be of Instruments only.
 - b. Graphite Reactor.
 - c. HFIR
 - d. Frontier Supercomputer (look into the bowels of the computer with F&O)
 - e. Facilities & Operations
 - f. Materials Demonstration Facility

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Draft schedule 9AM-5PM Tuesday and Wednesday

	Monday	Tuesday	Wednesday	Thursday
	8	9	10	11
	Travel Day	Workshop		
Eastern				
8 AM				
9 AM		Welcome and Introductions	Monday Recap/ Tuesday Agenda	
		Overview of Agenda and Goals		
		Keynote Speaker	Topical Presentations - LANL	
10 AM			Break	
		Break	Topical Presentations - ORNL	
		Round table Discussion of Collaborations between Labs	Topical Presentations - INL	
11 AM			Instructions for Afternoon Breakout Sessions	
		Instructions for Afternoon Breakout Sessions	Lunch - catered onsite (\$?)	
		Lunch - No host off-site		
12 PM			Breakout Session 2 - Design Control Process groups (3-5 people, mix-up from Day 1)	
1 PM			Break	
		Breakout Session 1 - Career development groups (3-5 people)	Breakout group summary reports	
2 PM				
3 PM		Break	ORNL Tour	
		Breakout group summary reports		
4 PM				