

GAIN Nuclear Cybersecurity Webinar

The purpose of the GAIN Nuclear Cybersecurity Webinar is to identify cybersecurity research and development needs to support future nuclear innovation. The agenda consists of two sessions: 1) expectations of reactor designers as they consider current and future deployments; and 2) barriers to implementing current and emerging cybersecurity best practices in nuclear control systems.

AGENDA

Time (MT)	Topic	Presenter
9:00 a.m.	Purpose, Logistics, Agenda	Lori Braase, GAIN
9:10 a.m.	DOE-NE Nuclear Cybersecurity Mission and Goals	Rebecca Onuschak, DOE-NE
9:30 a.m.	Panel Discussion 1: Advanced Reactor Innovation Needs	Moderator: Katya LeBlanc, INL
	Panelists will discuss their unique operational concepts (e.g., autonomous and/or remote operations, integrated energy, load following), business models and barriers to innovative and cost-effective cybersecurity. How can we enable cybersecurity-by-design and innovation with new digital technologies?	Bob Urberger & Roger Chin Radiant Nuclear Alex Renner, Oklo Anthonie Cilliers, Kairos Power
10:30 a.m.	Panel Discussion 2: Control System Security Technologies	Moderator: Chris Lamb, SNL
	Panelists will discuss best practices and emerging thought in industrial control systems cybersecurity, status of implementation of these concepts in nuclear power control systems, and their perspectives on implementation challenges, supportive R&D, and prioritization of actions.	Tighe Smith, Paragon ES Karl Waedt, Framatome GmbH Jim Cerkovnik, INL
11:45 a.m.	Wrap-up	Lon Dawson, SNL
Noon	Adjourn	

<https://gain.inl.gov/sitepages/cybersecurity.aspx>