PUBLIC MEETING ANNOUNCEMENT

Title:	Data Science and Artificial Intelligence Regulatory Applications Workshop: AI Characteristics for Regulatory Consideration
Date(s) and Time(s):	September 19, 2023, 10:00 AM to 04:00 PM ET
Location:	Hybrid (One White Flint North and Microsoft Teams), Commission Hearing Room 11555 Rockville Pike Rockville, MD
Category:	This is an Information Meeting with a Question and Answer Session. The purpose of this meeting is for the NRC staff to meet directly with individuals to discuss regulatory and technical issues. Attendees will have an opportunity to ask questions of the NRC staff or make comments about the issues discussed throughout the meeting; however, the NRC is not actively soliciting comments towards regulatory decisions at this meeting.
Purpose:	The Nuclear Regulatory Commission (NRC) is continuing its Data Science and Artificial Intelligence (AI) Regulatory Applications Public Workshops series. These workshops are part of the agency's efforts to prepare for safety reviews of future AI applications. The purpose of this public workshop is to provide an opportunity for NRC and interested stakeholders to (1) present AI use cases being developed for nuclear applications, and (2) provide feedback on regulatory and technical issues surrounding AI usage in nuclear applications.
	Insights from previous workshops informed the development of the NRC's AI Strategic Plan (NUREG-2261). Table 1, "Notional AI and Autonomy Levels in Commercial Nuclear Activities," of the AI Strategic Plan presents a notional framework to consider the levels of human-machine interaction with AI systems and serves as a starting point in this public meeting to further discuss the variety of AI attributes which may affect regulatory considerations at each level.
Contact:	Matthew Dennis 1-800-368-5642 NRCAIWorkshop@nrc.gov
Participants:	NRC NRC Staff
Webinar:	Interested members of the public can participate in this meeting via Webinar. For details, please call the NRC meeting contact.
Comments:	Registration for the workshop (in-person or virtual attendance) is available on the workshop webpage: https://www.nrc.gov/public-involve/conference-symposia/data-science-ai-reg-workshops.html
	The NRC slides for the workshop can be found at ADAMS Accession No. ML23249A070 or linked in this meeting notice. The agenda for the workshop can be found on the workshop webpage. For additional details, email NRCAIWorkshop@nrc.gov or call the NRC's toll-free number, 1-800-368-5642, and ask the operator to be connected to the meeting contact, Matthew Dennis. Slides will be made available online at the workshop webpage: https://www.nrc.gov/public-involve/conference-symposia/data-science-ai-reg-workshops.html. NRC will not provide printed hardcopies of the slides.

The NRC provides reasonable accommodations to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in a meeting or need a meeting notice or the transcript or other information from a meeting in another format (e.g. braille, large print), please contact Anne Silk, NRC Reasonable Accommodations Coordinator, at Anne.Silk@nrc.gov or call directly at 301-287-0745. Determinations on requests for reasonable accommodation will be made on a case-by-case basis. Ten (10) days' advance notice is requested to try to ensure availability; however, every effort will be made to address a request for reasonable accommodations with less notice.

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Data Science and Artificial Intelligence Regulatory Applications Workshop: AI Characteristics for Regulatory Consideration

September 19, 2023, 10:00 AM to 04:00 PM ET

Hybrid (One White Flint North and Microsoft Teams), Commission Hearing Room
11555 Rockville Pike
Rockville, MD

Agenda **Workshop #4: AI Characteristics for Regulatory Consideration** **September 19, 2023** **10:00 a.m. – 4:00 p.m. ET** **Hybrid (NRC Headquarters, Rockville, MD and Microsoft Teams)**
Time (Eastern)	**Topic**	**Presenter**
10:00 a.m. – 10:30 a.m.	Opening Remarks	Chair Christopher T. Hanson (NRC)
10:30 a.m. – 11:00 a.m.	AI Characteristics for Regulatory Consideration	Matt Dennis (NRC)
11:00 a.m. – 12:15 p.m.	Panel Session: Regulatory Perspectives on AI	Session Chair – Paul Krohn (NRC) Var Shankar (Responsible AI Institute) Kevin Lee (CNSC) Andrew White (UK ONR) Ben-Mekki Ayadi, Eric Letang (IRSN)
12:15 p.m. – 1:00 p.m.		Break
1:00 p.m. – 2:15 p.m.	Panel Session: AI Safety, Security and Explainability	Session Chair – Josh Kaizer (NRC) Rick Kuhn (NIST) Xu Wu (NC State) Fan Zhang (Georgia Tech) Ali Raz (George Mason)
2:15 p.m. – 2:30 p.m.		Break
2:30 p.m. – 3:45 p.m.	Panel Session: AI Application Considerations	Session Chair – Jesse Seymour (NRC) Scott Sidener (Westinghouse) Clint Carter (Utilities Service Alliance) TBD (TerraPower) Rick Szoch (Constellation)
3:45 p.m. – 4:00 p.m.		Open Discussion and Closing

ADAMS Accession Number: ML23249A258

Distribution:

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Link to meeting details: https://www.nrc.gov/pmns/mtg?do=details&Code=20230754