

## **Artificial Intelligence (AI) and Biorisk Management**

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This one-day hands-on workshop is designed for biosafety and biosecurity professionals, laboratory managers, laboratory support staff, health and safety professionals, researchers, and containment engineers who wish to learn how artificial intelligence (AI) can be used to enhance biorisk management and laboratory biosafety and biosecurity.

Workshop Objectives:

- Understand the foundations of AI and its relevance for laboratory biorisk management
- Explore real-world and innovative AI-based biosafety and biosecurity applications, from SOP reviews to compliance monitoring, incident analysis, risk assessment, laboratory automation, and more
- Discuss the ethical and safety implications of AI, its risks and benefits
- Strengthen critical thinking for responsible adoption and governance of AI

The workshop will be in English. Participants are not expected to have advanced expertise in artificial intelligence (AI); however, a basic understanding of AI and familiarity with commercial AI tools (e.g., ChatGPT, Gemini, or Perplexity) will be beneficial. The workshop is limited to 25 participants.