APS Scientific Computation Seminar Series

Speakers:
Matthew Dearing, Software Engineer, BIS
Michael Prince, Software Engineering Associate, XSD

Title:
Generative AI for Science Operations at Argonne

Date:
December 4, 2023

Time:
1:00 p.m. (Central Time)

Location:
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Hosts:
Mathew Cherukara and Nicholas Schwarz

Abstract:
Over the last year, the field of large language models (LLMs) and user-facing applications have developed rapidly. Many of the capabilities of these models, including knowledge extraction, summarization, and agentic tool use, may be well suited for scientific workflows and automation at Argonne and the APS. This talk will cover some of the work being done to make this technology available to researchers at Argonne, including user-facing generative AI applications under development at ANL and an experimental integration with beamline operations at the APS.