

5th ICFA Beam Dynamics Mini-Workshop on Machine Learning for Particle Accelerators



Contribution ID: 14

Type: **Invited talks**

Large Language Model Chatbots for Enhanced Documentation Access

This tutorial applies Retrieval Augmented Generation (RAG) as a method to improve documentation retrieval in accelerator physics. Participants will learn how combining information retrieval with generative AI models can provide precise, context-aware answers from vast technical resources. The session includes a hands-on demonstration of implementing RAG in combination with Large Language Models (LLMs) and retrieving information from your documentation.

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Session Classification: Keynotes, tutorials and lectures

Track Classification: Keynotes, tutorials and lectures