SnT 2025
CTBT: SCIENCE AND TECHNOLOGY CONFERENCE

8 SEPTEMBER ONLINE DAY
9 TO 12 SEPTEMBER AT HOFBURG PALACE, VIENNA & ONLINE

Enhancing Information Access to CTBTO Staff through Generative AI: A Smart Chat Application for Simplified Access to Complex Directives

LIGHTNING TALK

P4.3-883

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- Making complex directive and protocol documentation much easier to access using Generative AI

- Utilizing the AI approach towards complex documentation, organisation staff can:
  - Ask detailed questions in plain language
  - Receive accurate natural language responses
  - Receive references from the source documentation for review
  - Ask for further refinement, explanation or additional context related questions

- Leveraging in-house software development and organisation Azure resources, combined with a proven Retrieval Augmented Generation (RAG) architecture design pattern, enables rapid development and deployment of multiple application instances tailored for different domains

- Converting domain complexities into a natural conversation saves time for organisation staff both seeking answers and providing them, eliminating the need to search and interpret complex manuals and protocols

- Please visit the e-poster for more in-depth information

Smart Search — Show chat history

CTBTO | COMPREHENSIVE NUCLEAR-TEST-BAN TREATY ORGANIZATION

Chat with CTBTO Data

My name is AskMe. I will answer any relevant questions related to results presented on Secure Web Portal.

What is a focal sphere plot?

What is the gain of finite impulse response filter?

Which waveform technologies are associated with forming SELs?

What data is transmitted to IDC with sample measurements from IMS radionuclide station?

Type a new question...

Feedback

CTBTO PREPARATORY COMMISSION