SnT 2025
CTBT: SCIENCE AND TECHNOLOGY CONFERENCE

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

LIGHTNING TALK

P3.5-191

Advanced frequency-wavenumber (FK) analysis in the Geophysical Monitoring System (GMS)

K.Aur, M. Harris, N. McMahon

- Sandia is developing GMS for modernization of the US National Data Center, and providing open source releases for evaluation and use by the IDC Re-engineering project.

- The latest GMS release includes a new advanced FK computation capability and users interface that enhances analyst efficiency and accuracy

- All computations are performed in the IAN user interface using C/C++ code compiled to web assembly (WASM)

Sandia National Laboratories