SnT 2025
CTBT: SCIENCE AND TECHNOLOGY CONFERENCE

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

LIGHTNING TALK

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Array Solutions for Radioxenon Monitoring

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- Our poster is about the SAUNA QUBE array capabilities

- Arrays enable improved detection probability and source reconstruction accuracy

- We analyse the locations and installation order for a hypothetical array in Japan

- Apply source reconstruction analysis to a simulated emission with multiple stations in the array

- The QUBE array improves the results significantly, compared to a single station

- If you want to find out more, come over for a chat in front of our poster

Standard Deviation of Reconstruced Source Location