SnT 2025
CTBT: SCIENCE AND TECHNOLOGY CONFERENCE

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

Scaling up the ATM Pipeline: Boosting Performance and Efficiency

LIGHTNING TALK

P4.1-720

Anne Tipka, Peter Polzer, Robin Schoemaker, Monika Krysta
CTBTO Preparatory Commission

ATM RHEL 9 migration

Enhance monitoring and logging

Adapt workflow to run pipeline according to availability of samples

Real-time updating of collection stop times

Implementation into CTBT's COD pipeline

Improve Documentation (visually & for NDC users)

Initiate planning for next ATM server aqcuisition

Misc

Curious about what's next for our ATM pipeline? Come and chat with me! I'll share our vision, listen to your feedback, and explore future directions together!

Expert IBS

Improve integration testing

Incorporate and support XeBET and ATM-EPS projects results

Potentially eliminates expensive pre-process component

Adapt to GRIB format changes

Close the gap - Update to Flexpart version 11

Explore alternative data format for ATM data to improve data access & analysis (e.g. Webgrape)

Adapt to ECMWF data policy changes

Explore usage of CTBT's HPC