SnT 2025
CTBT: SCIENCE AND TECHNOLOGY CONFERENCE
8 SEPTEMBER ONLINE DAY
9 TO 12 SEPTEMBER AT HOFBURG PALACE, VIENNA & ONLINE

A Federation of Online Legacy Data in Seismology (FOLDS)

LIGHTNING TALK

P2.4-145

Tim Ahern,
EarthScope

Lorraine Hwang,
UC, Davis

Josep Batlló,
ICGU

Javier Quinteros
GFZ

FOLDS will be a standardized way to create, curate, and share Legacy metadata:

- **FOLDS is an application** running at individual legacy data centers that
    - Implements FDSN approved 56 metadata fields for legacy data
    - Exposes information through web services

- **FOLDS Framework**
    - Input and configuration module
    - populated by intelligent GUI or XML ingest
    - DBMS for metadata storage populated by intelligent GUI or XML ingest
    - FAIR through 3 types of web services
        - **Metadata service**
        - **Catalog of holdings service, &**
        - **image file service**

- **External to the FOLDS Application**
    - Service registry showing services available at all FOLDS centers
    - Storage of image files
        - Local storage or Cloud storage
        - Access clients such as ObsPy and SeisComp
            or user applications

FOLDS