



NamiLinks 2.0.

A workshop on 'X-ray tomography applied to tsunami deposits'

Organized by Laboratoire
Magmas & Volcans,
University
Clermont-Auvergne, Aubière,
France

September 12-15, 2022



UCA PARTNER

Plateformes d'Assistance à la Recherche,
aux Technologies et aux Entreprises

Program schedule

Day 1: September 12, 2022 AM

- Short visit of the laboratory
- Presentation of the tomography platform

Day 1: PM

- Principles of X-ray tomography
- A review of its application to geosciences
- Specific application to tsunami deposits

Day 2: September 13, 2022

- Preparing a sample for tomography
- Defining the objectives of the analysis
- Defining the parameters of the scan
- Start a preliminary low-resolution scan

Day 3: September 14, 2022

- Debriefing of the results of day 1
- An introduction to basic image analysis (theory + practice)
- Defining a region of interest and start a high-resolution scan

Day 4: September 15, 2022:

- Debriefing of the results of day 2
- Improved Image analysis, including machine learning (theory + practice)
- Final discussion

To know more about the workshop please follow the links given below.

- [What is X-ray tomography platform of the Laboratoire Magmas & Volcans \(UCA-CNRS-IRD\)](#)
 - [Technical presentation of the tomography device](#)
 - [NamiLinks Project, CMP, INQUA](#)
-

Look forward to seeing you @ France 😊

