

CALL FOR USE CASES

PaNOSC has launched a call for Use Cases of the data management and analysis services being developed.

Users of photon and neutron(PaN) facilities and their data, are invited to submit their use case(s)* for data treatment or data management needs.

*Submitted Use Cases must be related to one of the data services being developed by PaNOSC.

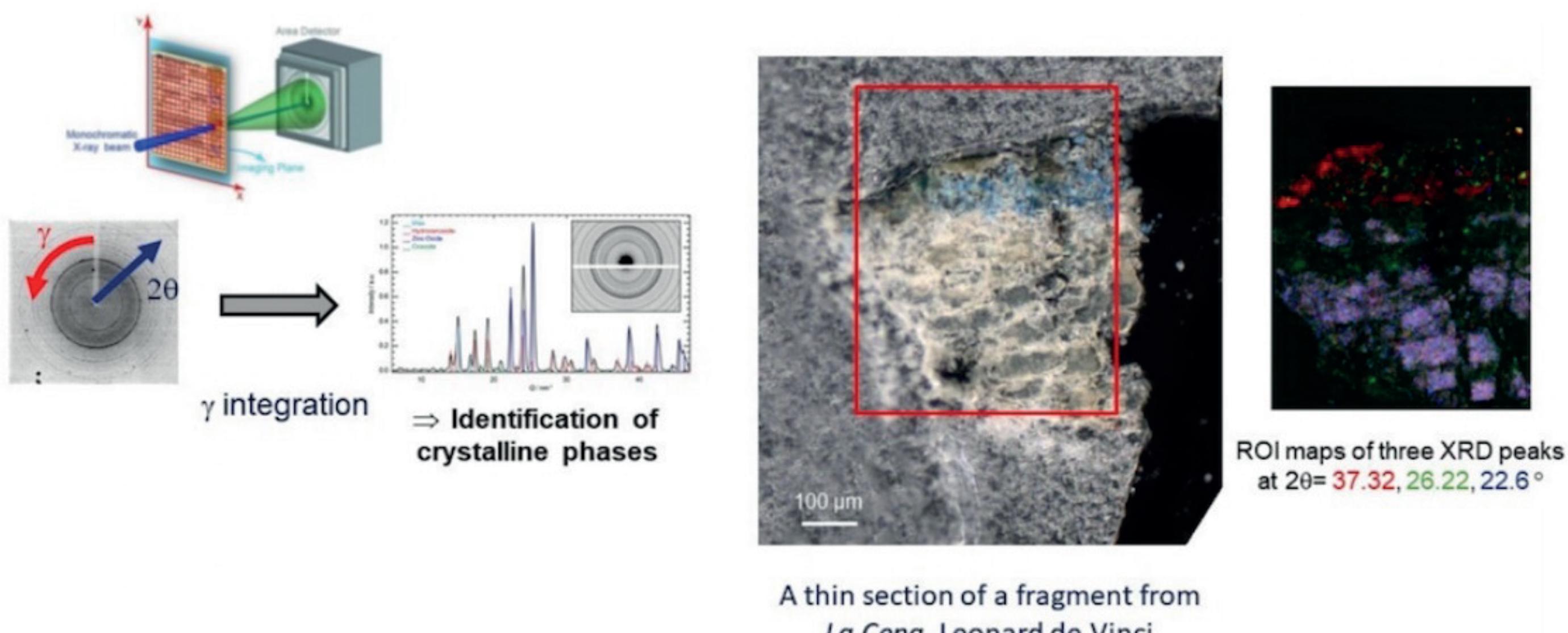
SUBMIT
YOUR
USE CASE

<https://www.panosc.eu/submit-your-use-case/>



1st ESRF Use Case

Analysing 2D uXRD maps for cultural heritage samples



Credits: M.Cotte (ESRF)

Improving the efficiency of 2D uXRD experiments (many different users, a possible regular beamtime, remote experiment), would help to have a dedicated Jupyter notebook for data processing. It would be a good way:

- To save time;
- To record which map has already been processed and how;
- To have a coherent data processing between users and between sessions, and also for possible users who would like to reuse data after the embargo period.

<https://www.panosc.eu/use-cases/use-case-6-analysing-2d-uxrd-maps-for-cultural-heritage-samples/>

Submit your Use Cases for Data Management and Processing

By A. Götz (ESRF),
N. Carboni (CERIC-ERIC) and
J. Bodera Sempere (ESRF)

PaNOSC and ExPaNDs are developing data management and analysis services for the photon and neutron user community.

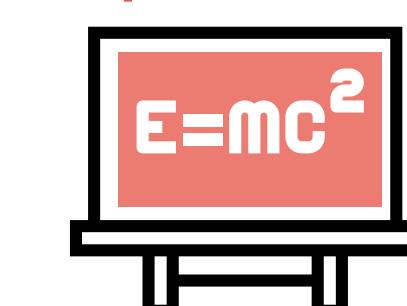
These services will be available first locally and in the future via the EOSC. To help as large a user community as possible, PaNOSC has launched a **call for Use Cases** for the data management services being developed. Users of any photon and neutron facility, either directly or via open data from one of these facilities, are encouraged to submit their use cases for data treatment or data management needs. Use Cases must be related to one of the data services being developed by PaNOSC and ExPaNDs (<https://www.panosc.eu/services/>).

For questions before submitting your use case, contact: use-case@panosc.eu

Browse already submitted use cases at: <https://www.panosc.eu/use-cases/>

Services

Open Data



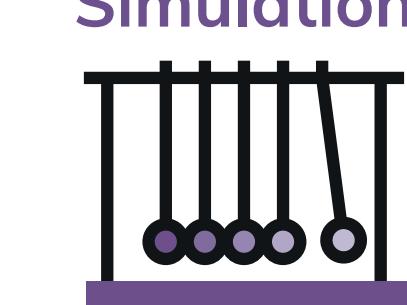
To access scientific PaN data.

Data Analysis



To analyse, use and re-use raw data.

Data System Simulation



To simulate beamlines, instruments and experiments

Data Catalog



To search data from PaN sources.

Pan Software Catalogue



To access software for data analysis and simulation.

Help Desk



To support and accompany you while using all these services!

Title *

Short description of use case

Short title, e.g. Analysing 2D uXRD maps for cultural heritage

Submitted by *

Name and Surname

Submitter, e.g. A.Scientist

Email *

Email, e.g. ascientist@esrf.fr

Facilities *

Photon and Neutron facilities involved

Facilities who will use this, e.g. ESRF

Affiliation *

Institution(s) of the scientist(s) who have requested and will use the service

Date *

Creation date of use case

Objectives *

Longer description of the use case including a description of the scientific objectives of the use case

Objectives, e.g. Improve the efficiency of 2D uXRD experiments (many different users, a possible regular beamtime, remote experiment), by having a common Jupyter notebook for data processing.

Main Contributors

<https://expands.eu/> | <https://panosc.eu>

@ExPaNDs_EU / @Panosc_eu

