# EXPO&*more* International Workshop

Organized by the Institute of Crystallography - CNR

*30 September - 3 October 2019*
*Bari - Italy*

# Crystallographic Software for Powder Diffraction Data

The **EXPO&*more* International Workshop** is a four-day software fayre dedicated to the latest versions of the open-source computer programs **EXPO**, **QUALX**, **OChemDb** and **RootProf** for processing diffraction data from polycrystalline materials.

The theoretical framework of the software, the program workflow, the latest developments, and examples of application will be shown.

*The main aim of the workshop is to familiarize participants with software.*
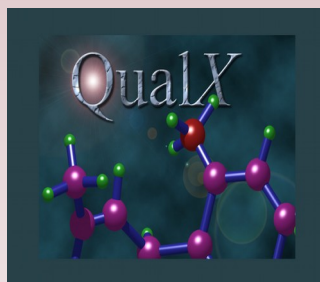
## EXPO

Crystal structure solution from pure-phase samples: indexing, phasing and refinement
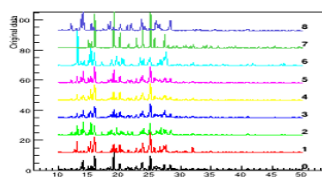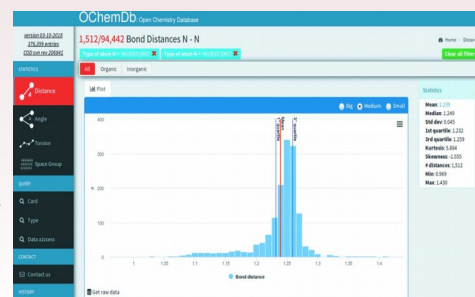
## QUALX

Qualitative analysis for identification of crystalline phase, one or more than one, contained in a compound
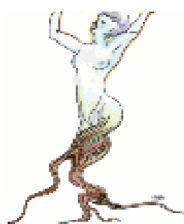
## OChemDb

Web portal to retrieve crystallographic information from a database of already solved crystal structures

## RootProf

Fast-processing measurements from in situ, in operando and multi-technique experiments

**CNR** Istituto di Cristallografia

*Videoconference room of Polytechnic of Bari, via Amendola 126/b, Bari, Italy*

*www.ba.ic.cnr.it/expo-more-workshop2019*