



Contribution ID: 694

Type: **Talk (preferred)**

Simultaneous Reconstruction and Structural Fitting of the Complex Atomic Fine Structure of Copper and Iron

Thursday 15 December 2022 16:45 (15 minutes)

A novel technique for determining complex atomic fine structure will be described. Exciting applications of the technique such as a phase analogue to x-ray absorption fine structure applications will also be discussed.

Author: DI PASQUALE, Paul (La Trobe University)

Co-authors: Dr TRAN, Chanh (La Trobe University); CHANTLER, Christopher (University of Melbourne); Dr BARNEA, Zwi (University of Melbourne); Mr KIRK, Tony (La Trobe University); Mr DAO, Minh (La Trobe University); Dr BALAUR, Eugeniu (La Trobe University); VAN RIESSEN, Grant (La Trobe University); Mr HINSLEY, Gerard (La Trobe University); Mr JALLANDHRA, Anirudh (RMIT); Mr CEDDIA, Julian (Monash University); Mr ROGERS, Jake (La Trobe University); Dr KEWISH, Cameron (ANSTO); Dr PATERSON, David (ANSTO); Dr REINHARDT, Juliane (ANSTO); Dr KIRBY, Nigel (ANSTO); Dr MUDIE, Stephen (ANSTO)

Presenter: DI PASQUALE, Paul (La Trobe University)

Session Classification: AIP: Atomic and Molecular Physics

Track Classification: AIP Congress: AIP: Atomic and Molecular Physics