24th Australian Institute of Physics Congress



Contribution ID: 630 Type: Talk (preferred)

Introducing the Pair-Angle Distribution Function: many-atom statistics of crystals and disordered materials

Wednesday 14 December 2022 15:00 (15 minutes)

The pair-angle distribution function (PADF) is a multi-atom distribution of atomic structure that can be directly measured with x-ray or electron scattering. It enables, for example, direct bond-angle distribution measurements and has wide applicability at the nanoscale.

Author: Dr MARTIN, Andrew (RMIT University)

Co-authors: Dr BINNS, Jack (RMIT University); Mr ADAMS, Patrick (RMIT University); Mr PAPORAKIS, Stefan (RMIT University); Mr HASSETT, Michael (RMIT University); Dr GREAVES, Tamar (RMIT University)

Presenter: Dr MARTIN, Andrew (RMIT University)

Session Classification: AIP: Condensed Matter, Materials and Surface Physics

Track Classification: AIP Congress: AIP: Condensed Matter, Materials and Surface Physics