

Dr Michael Richard Probert

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Research keywords: diffraction, extreme conditions, solid state, crystallization, polymorphism, instrumentation development, molecular and extended structures

Mike's research interests include: studying the structure/property correlations of molecular systems under extreme conditions, ranging from simple organic compounds that exist as liquids under ambient conditions, to complex multi-dimensional systems that undergo novel phase changes upon cooling and/or the application of pressure; the polymorphic nature of compounds in the solid state; and the accurate experimental determination of electron densities of crystalline materials. These areas are all aided by the development of highly specialised equipment and novel experimental design that form another aspect to his research portfolio.

Web of Science ResearcherID: http://www.researcherid.com/rid/G-5899-2014

Publons: https://publons.com/researcher/2522774/michael-r-probert/

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