

Staff Profiles:

Oxford Materials Characterisation Service



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Dr. Phil Holdway

XRD Specialist

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Phil is the x-ray diffraction expert within the Oxford Materials Characterisation Service. He has over twenty years experience in materials characterisation, mainly in the aerospace sector, before joining OMCS in 2011. Phil's work with x-rays has covered a wide range of materials and processing methods with a view to understanding the fundamental relationship between microstructure and properties.

In addition to his XRD work, Phil also provides support to OMCS with scanning electron microscopy.

Phil obtained his first degree in Materials Science and PhD on zirconium alloys from Imperial College London.



Dr. Susan Warren MRSC

Materials Analyst with Business Support

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Susan joined OMCS in February 2012 as a senior materials analyst with business support, becoming involved with thermal analysis, BET measurements and scanning electron microscopy. Prior to this position Susan was a postdoctoral researcher in the Institute of Technology, Tallaght, Dublin, Ireland, developing electrochemical sensors for a variety of applications. Susan also worked in Henkel Technologies for a two year period as a research chemist investigating adhesives for bonding of metals to more flexible substrates. She obtained her PhD in electrochemical biosensor mediation from the Institute of Technology, Tallaght, Dublin, Ireland.