

Lewis Edwards

Cardiff University

Research area: Condensed Matter Physics

<p>Project title:</p> <p>Single Crystal Analysis of Frustrated Magnetic Systems, Using the World's Leading Powder Diffraction Experiment</p>	<p>About me:</p> <p>Undergraduate at Bath University, worked on electronic structure calculations for a new structural phase of the molecular crystal, Coronene.</p> <p>MSc at Cardiff, worked on superradiance in the single molecular magnet, Fe8.</p> <p>Avid climber.</p>
<p>Science/research area:</p> <p>Frustrated magnetism Neutron diffraction</p>	<p>Data Intensive Research Skills and Interests etc.</p> <p>Interested in the potential for use of machine learning techniques in the analysis of structural and magnetic diffuse scattering data.</p>