



## Two Braggs Exhibition

Illuminating a Century of Crystallography

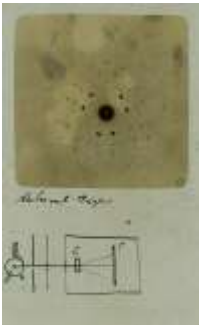

**26-30 August**

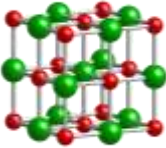
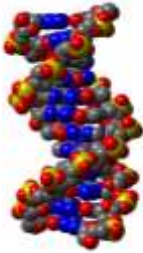


Helen Martin Studio, Warwick Arts Centre

## Public Discovery Day

### Programme of Free Events

Friday 30 August

<p>11:00–12:00</p> 	<p><b>Public Lecture and Demonstration</b></p> <p><b>The Crystal World</b> <b>Professor Mike Glazer</b> (Emeritus Professor of Physics, Oxford University; Visiting Professor of Physics, University of Warwick) <b>Professor Pamela Thomas</b> (Professor of Physics, University of Warwick)</p> <p>How did William and Lawrence Bragg solve the structure of crystals, when the atoms they plotted were invisible to the eye?</p> <p>Two leading experts in the science of crystallography explain this apparent paradox in a lecture that includes a number of practical demonstrations.</p> <p>See for yourself how the highly visual science of crystallography emerged from a few simple experiments, which have helped illuminate the building blocks of the material world.</p>
<p>12:00–13:45</p> 	<p><b>Exhibition Tour and Laboratory Visit</b></p> <p>Explore the exhibition in the company of historians of science and contemporary crystallographers to find out more about the Braggs' significance.</p> <p>The tour includes a visit to the University of Warwick's operational state-of-the-art X-ray crystallography laboratory.</p>

<p>14:00–15:00</p>  	<p><b>Public Lecture</b></p> <p><b>The Bragg Legacy: From Table Salt to Drug Discovery</b>  <b>Professor Elspeth Garman</b>  (Professor of Biochemistry, Oxford University)</p> <p>A century has passed since Lawrence and William Bragg used X-rays to uncover the 3-D structure of salt.</p> <p>This discovery was central to biographer John Jenkins’s claim that the two Braggs ‘influenced a wider range of disciplines more profoundly than anyone else’.</p> <p>In this lecture, Professor Garman explores the Braggs’ impact on our understanding of diseases, viruses and bacteria. Drawing upon first-hand experience, Professor Garman illuminates the applications of the Braggs’ methods to the discovery of effective drugs and treatments.</p>
<p>15:00–16:00</p>  	<p><b>Film Matinee</b></p> <p><b><i>Driven to Diffraction</i> (2009)</b></p> <p>This film explores the remarkable lives of William Bragg and his son Lawrence Bragg.</p> <p>It tells the story of two shy men who went on to become the only father and son team to win a Nobel Prize. Two-dozen more Nobel Prizes have since followed their ground-breaking discoveries.</p> <p>Exploring their lives, labours and legacy, <i>Driven to Diffraction</i> brings to life William and Lawrence Bragg’s exceptional contribution to a century of ground-breaking science.</p>
<p>16:00–20:00</p>	<p><b>Two Braggs Exhibition Visit</b></p> <p>A final opportunity to see the original artefacts, archives and artwork that reflect the significance of these shy and shadowy yet seminal scientists.</p>

To reserve your free ticket (limited availability) visit:

[two-braggs.eventbrite.co.uk](http://two-braggs.eventbrite.co.uk)