

BCA 2005 SPRING MEETING: SATELLITE MEETINGS

Monday and Tuesday morning 11-12th April

<p>CC.00.14: 10.30 – 12.30</p> <p>WHITE BEAM WORKSHOP Chair: Mina Golshan (SRS Daresbury)</p> <p>10.30 Welcome and Introduction</p> <p>10.40 Jeremy Cockcroft (UCL) <i>Introduction to energy dispersive synchrotron radiation</i></p> <p>11.25 Simon Jacques (UCL) <i>Energy dispersive data analysis</i></p> <p>11.55 Alexander Korsunsky (Oxford) <i>Engineering applications</i></p> <p>12.25 Lunch</p>	<p>BE.0.25: 11.00 – 12.30</p> <p>CCP4 WORKSHOP Organiser: Martyn Winn (CCP4, Daresbury)</p> <p>11.00 Hands-on workshop. Tutors include:</p> <p>Harry Powell (MRC-LMB) <i>Data processing with Mosflm</i></p> <p>Liz Potterton or Stuart McNicholas(York) <i>The CCP4 Molecular Graphics project</i></p> <p>Paul Emsley (York) <i>Coot</i></p> <p>Eleanor Dodson (York) <i>CCP4</i></p> <p>Airlie McCoy (Cambridge) <i>Molecular replacement with Phaser</i></p> <p>Phil Evans (MRC-LMB) <i>CCP4</i></p> <p>Martyn Winn (CCP4, Daresbury) <i>CCP4</i></p> <p>12.30 Lunch</p>	<p>CC.00.09: 13.30 – 17.00</p> <p>ISIS CRYSTALLOGRAPHY USER GROUP MEETING Chair: Peter Battle (Oxford)</p> <p>13.30 Welcome</p> <p>13.35 Steve Wakefield (ISIS) <i>ISIS and TS2 project review</i></p> <p>13.45 Paolo Radaelli (ISIS) <i>Crystallography instrument review</i></p> <p>14.00 Crystallography Group members <i>New instruments and instrument upgrades</i> <i>WISH HRPD POLARIS SXD optics TS2 instruments</i></p> <p>14.20 Discussion (instrumentation)</p> <p>14.50 Open discussion Suggested topics <i>Beamtime access modes</i> <i>Sample environment Software</i></p> <p>15.30 Tea</p>
<p>CC.00.14: 13.30 – 17.00</p> <p>WHITE BEAM WORKSHOP Chair: Mina Golshan (SRS Daresbury)</p> <p>13:30 Phil Withers (Manchester) <i>White-beam tomographic imaging</i></p> <p>14:00 Bob Cernik (SRS Daresbury/ Manchester) <i>A new, rapid 3D tomographic energy dispersive diffraction imaging system for materials characterisation and object imaging (rapid TEDDI)</i></p> <p>14:30 Moreton Moore (Royal Holloway University of London) <i>White-beam topography and its applications</i></p> <p>15:00 Shamus Husheer (Cambridge/SRS Daresbury) <i>Small molecule crystallography with white-beam</i></p> <p>15:30 Dave Laundry (SRS Daresbury) <i>Detector dead-time in white-beam experiments</i></p> <p>16:00 John Helliwell (Manchester) <i>White beams of SR X-rays and neutrons for Laue protein crystal structure analysis</i></p> <p>16:30 Tea and Open Discussion</p> <p>17.00 Close</p>	<p>BE.0.25: 13.30 – 17.00</p> <p>CCP4 WORKSHOP Organiser: Martyn Winn (CCP4, Daresbury)</p> <p>13.30 Workshop continues</p> <p>15.30 Tea</p> <p>17.00 Close</p> <p>Tuesday 12 April CC.00.13: 08.30 – 10.00 JOINT FACILITY USER MEETING Co-Chairs: Paolo Radaelli (ISIS); Paul Raithby (Bath)</p> <p>08.30 Alan Hewat (ILL) <i>High flux diffractometers on reactor neutron sources</i></p> <p>09.00 Laurent Chapon (ISIS) <i>The next generation of high-flux instruments and data analysis software at ISIS-TS-II</i></p> <p>09.30 Alistair Lennie (CCLRC, Daresbury) <i>Combining X-rays and neutrons: examples from mineral chemistry</i></p> <p>10.00 Coffee</p>	<p>16.00 User Science Presentations</p> <p>16.00 Anthony Powell (Heriot-Watt) <i>Fe₇S₈: nuclear and magnetic structural studies on GEM</i></p> <p>16.10 Dominic Fortes (UCL) <i>Planetary ices on HRPD</i></p> <p>16.20 Dave Allan (Edinburgh) <i>Latest developments in small molecule studies on HiPr</i></p> <p>16.30 Andy Parkin (Glasgow) <i>Chemical crystallography on SXD</i></p> <p>16.50 Concluding remarks and discussion Peter Battle (Oxford)</p> <p>17.00 Close</p> <hr/> <p>CC.00.09: 17.00 – 18.00</p> <p>DARESBUURY XRD USER GROUP MEETING Organiser: Paul Raithby (Bath)</p> <p>17.00 Discussion of issues of interest to SRS X-ray diffraction users.</p> <p>18.00 Close</p>
<p>19.00 Buffet dinner</p>		