

| Start period | Tue 1/12 | Wed 2/12 | Thu 3/12 | Fri 4/12 | Sat 5/12 | Sun 6/12 | Mon 7/12 | Tue 8/12 | Wed 9/12 |
|--------------|---|--|--|--|---|--|--|---|---|
| | ARRIVAL/INTRO (G59) CHAIR PM: James Foadi | INTRO (G59) CHAIR AM: Graeme Winter CHAIR PM: Anna Warren | DATA COLL/PROC (G53/54) CHAIR AM: Graeme Winter CHAIR PM: Melanie Vollmar | DATA COLL/PROC (G53/54) CHAIR AM: David Waterman CHAIR PM: David Waterman | EXP PHASING (G53/54) CHAIR AM: James Foadi CHAIR PM: Melanie Vollmar | MR (G53/54) CHAIR AM: Darren Sherrell CHAIR PM: Charles Ballard | REFINEMENT (G53/54) CHAIR AM: Ronan Keegan CHAIR PM: Pierre Aller | MODEL BUILDING (G53/54) CHAIR AM: James Foadi CHAIR PM: David Waterman | ANALYSIS/DEPOSITION (G53/54) CHAIR AM: James Foadi CHAIR PM: Neil Paterson |
| 09:00 | | BUS FROM WANTAGE | BUS FROM WANTAGE | BUS FROM WANTAGE | BUS FROM WANTAGE | BUS FROM WANTAGE | BUS FROM WANTAGE | BUS FROM WANTAGE | BUS FROM WANTAGE |
| 09:15 | Lecture | | | | | | | | |
| 09:30 | Practical | | | | | | | | |
| 09:45 | Other | Welcome and intro to CCP4 D. Waterman | BEST data collection strategies (all attendees) A. Popov | Data proc | Data proc with XDS K. Diederichs | SHARP C. Vonnrhein | SHARP C. Vonnrhein | Ligands P. Collins | CCP4MG S. McNicholas |
| 10:00 | Break/Meal | | | | | | | | |
| 10:15 | Bus | Structural biology at RAL M. Walsh | DATA COLLECTION BEGINS | DATA COLLECTION BEGINS | XDS | Introduction to Coot J. Debreczeni | Model building K. Cowtan | ARP/wARP for ligands J. Pereira | CCP4MG S. McNicholas |
| 10:30 | | | | | | | | | |
| 10:45 | | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - G53 / G54 | COFFEE BREAK - Atrium | COFFEE BREAK - G53 / G54 |
| 11:00 | | | | | | | | | |
| 11:15 | | | | | | | | | |
| 11:30 | | | | | | | | | |
| 11:45 | | Introduction to SR/beamlines K. McAuley | Introducing data processing using iMosflm A. Leslie | Introducing data processing using iMosflm A. Leslie | Data quality statistics K. Diederichs | Likelihood, and SAD in Phaser R. Read | Refinement R. Nicholls & O. Kovalevskiy | ARP/wARP J. Pereira | PISA E. Krissinel |
| 12:00 | | | | | | | | | |
| 12:15 | | Data collection G. Evans | iMosflm | iMosflm | Phase problem G. Leonard | Likelihood-based MR in Phaser R. Read | Refinement R. Nicholls & O. Kovalevskiy | Coot and Lidia (ligands) P. Emsley | hands on |
| 12:30 | | | | | | | | | |
| 12:45 | | | | | | | | | |
| 13:00 | | | | | | poster prize + remove posters | | | |
| 13:15 | | LUNCH - Atrium | LUNCH - Atrium | LUNCH - Atrium | LUNCH - RAL Restaurant | | LUNCH - RAL Restaurant | LUNCH - Atrium | LUNCH - RAL Restaurant |
| 13:30 | | | | | | | | | |
| 13:45 | | | | | | LUNCH - Atrium | | | |
| 14:00 | | | | | | | | | |
| 14:15 | | MX Pipelines G. Winter | Data proc with DIALS G. Winter | Data proc with DIALS G. Winter | SHELX for EP A. Thorn | DM K. Cowtan | Privateer K. Cowtan | hands on | |
| 14:30 | | | | | | | | | hands on |
| 14:45 | Where do the spots come from and what do they mean? G. Winter | Optimising the Diamond experience D. Lawson | DIALS | DIALS | EP N. Pannu | SHELXE & ARCIMBOLDO for MR I. Uson | ARP/wARP J. Pereira | Model validation and optimisation R. Joosten | |
| 15:00 | | | | | | | | | |
| 15:15 | | | | | | | | | |
| 15:30 | | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - Atrium | COFFEE BREAK - G53 / G54 |
| 15:45 | | | | | | | | | |
| 16:00 | | | | | | | | | |
| 16:15 | Introduction to symmetry A. Lebedev | Best practice data collection with Pilatus detectors A. Förster | Intro to i2 | Intro to i2 | | MrBump & BALBES R. Keegan | BUSTER C. Vonnrhein | ACEDrg F. Long | |
| 16:30 | | | Data reduction P. Evans | Data reduction P. Evans | EP hands on | | | | hands on |
| 16:45 | | | | | | | | | |
| 17:00 | Introduction to Linux and the command line M. Vollmar | ISPyB P. Aller | Multi-crystal work R. Gildea | Multi-crystal work R. Gildea | | AMPLE J. Thomas | Advanced Coot P. Emsley | hands on | |
| 17:15 | | | | | | | | | |
| 17:30 | | | | | | | | | |
| 17:45 | Cryocrystallography and radiation damage E. Garman | | BLEND J. Foadi | BLEND J. Foadi | Twinning A. Thorn | Manual MR (Phaser/Molrep) | Coot hands on | hands on | SR, Past, Present & Future - International Year of Light C. Nave |
| 18:00 | | Student posters / drinks | | | | | | | |
| 18:15 | | | | | | | | | |
| 18:30 | | | | | | | | | |
| 18:45 | | | | | | | | | |
| 19:00 | DINNER - Atrium | | Data proc | Data proc | | DINNER - Atrium | Scientific communication S. Curry | BUS TO WANTAGE | Q/A |
| 19:15 | | DINNER - Atrium | | | | | | | |
| 19:30 | | DINNER - RAL Restaurant | | | | DINNER - RAL Restaurant | | | DINNER - RAL Restaurant |
| 19:45 | BUS TO WANTAGE | | | | | | | | |
| 20:00 | | | | | | | | | |
| 20:15 | | hands on / copy data (G53/54) | Data proc | Data proc | | FREE TIME | hands on | | hands on |
| 20:30 | | | | | | | | | |
| 20:45 | | | | | | | | | |
| 21:00 | | BUS TO WANTAGE | BUS TO WANTAGE | BUS TO WANTAGE | BUS TO WANTAGE | | BUS TO WANTAGE | MEAL OUT - WildWood Kitchen (Wantage) | BUS TO WANTAGE |