

CCP-EM Icknield Model Building Workshop

RAL / DLS | Oxfordshire UK

Day 1 | Monday 04 Nov

10:00 Registration / coffee (Registration open until 12.00)

11:00 Introduction to workshop and CCP-EM (Tom/Agnel)

11:30 LocScale lecture and demo (Arjen Jakobi, TU Delft)

12:15 Lunch

13:15 LocScale tutorial/own data (Arjen Jakobi, TU Delft)

14:30 Relion5 and ModelAngelo (Sjors Scheres, MRC-LMB)

15:20 Coffee

15:45 ModelAngelo tutorial/own data (CCP-EM)

17:00 EM-placement lecture and demo (Randy Read, University of Cambridge)

17:45 Work on your own data

18.15 Dinner

Day 2 | Tuesday 05 Nov

9:30 Arrive [8:45 leave Hotel]

9:45 EM-placement tutorial / own data (Randy Read, University of Cambridge)

10:30 Coffee

10:45 EM-placement tutorial / own data (Randy Read, University of Cambridge)

11:30 FindMySequence/CheckMySequence lecture and demo

(Grzegorz Chojnowski, EMBL)

12:15 Lunch

13:15 FindMySequence/CheckMySequence tutorial/own data
(Grzegorz Chojnowski, EMBL)

14:30 TEMPy-REFF Lecture (Maya Topf, CSSB Hamburg)

15.15 Coffee

15:45 TEMPy-REFF tutorial / own data (Guendalina Marini/Aaron
Sweeney, CSSB Hamburg)

17:00 Work on your data

18:15 Depart

19:15 Workshop dinner

Day 3 | Wednesday 06 Nov

9:30 Arrive [8:45 leave Hotel]

9:35 Coot/Moorhen lecture (Lucrezia Catapano, MRC-LMB)

10:20 Coffee

10:35 Coot tutorial / own data (Judit Debreczeni, Astrazeneca;
Lucrezia Catapano, MRC-LMB; Paul Bond, University of York)

11:35 Buccaneer/ModelCraft lecture and demo (Soon Wen Hoh +
Paul Bond, University of York)

12:15 Lunch

13:15 Moorhen tutorial (Lucrezia Catapano, MRC-LMB; George
Coldstream, CCP-EM)

14:15 Buccaneer/ModelCraft tutorial/own data (Soon Wen Hoh + Paul
Bond, University of York)

15:30 Coffee

15:45 Refmac/Servalcat Lecture (Rob Nicholls, CCP4/CCP-EM)

16:30 Work on your own data

18:15 Dinner

Day 4 | Thursday 07 Nov

9:30 Arrive [8:45 leave Hotel]

9:45 Refmac/Servalcat tutorial/ own data (Rob Nicholls, CCP4/CCP-EM; Rangana Warshamanage, CCP-EM)

10:30 Coffee

10:45 Refmac/Servalcat tutorial/ own data (Rob Nicholls, CCP4/CCP-EM; Rangana Warshamanage, CCP-EM)

11:30 ISOLDE lecture and demo (Tristan Croll, AltosLabs)

12:15 Lunch

13:15 ISOLDE tutorial / own data

14:30 Privateer lecture and demo (Lou Holland/Thao Pham/Jon Agirre, University of York)

15:15 Coffee

15:30 Privateer tutorial/ own data (Lou Holland/Thao Pham/Jon Agirre, University of York)

16:45 AlphaFold-DB and 3D-Beacons (Jennifer Fleming, PDBe, EBI)

17:15 Work on your own data

18:15 Dinner

Day 5 | Friday 08 Nov

9:30 Arrive [8:45 leave Hotel]

09:45 Model validation lecture and tutorial (Agnel Joseph, CCP-EM)

11:15 Coffee

11:30 EMDB deposition and validation (Kyle Morris, EBI)

12:15 Lunch

13:15 Discussion with developers (Q & A)

15.00 Workshop wrap-up and close