

Model Building Workshop 2026, NCBS, Bengaluru

Day 1 | Monday 30th March

9:30 Registration / coffee (Registration open until 12.00)

9.45 Introduction (Vinothkumar K Ragunath, NCBS /Somnath Dutta, IISc)

10:00 CCP-EM/Doppio (Tom Burnley, CCP-EM)

10.30 LocScale lecture and demo (Arjen Jakobi, TU Delft)

11.00 coffee break

11.30 Research lecture - TBA

12.30 Lunch

13:30 LocScale tutorial/own data (Arjen Jakobi, TU Delft)

15:00 Relion5 and ModelAngelo (Sjors Scheres, MRC-LMB, online)

16:00 Coffee break

16:30 ModelAngelo tutorial/own data (CCP-EM)

18:00 TBC / Work on your own data

19.00 Dinner

Day 2 | Tuesday 31st March

9:15 Research lecture - TBA

10:00 EM-placement lecture and demo (Randy Read, University of Cambridge)

10:45 Coffee

11:15 EM-placement tutorial / own data (Randy Read, University of Cambridge)

12:30 Lunch

13:45 TEMPy-REFF Lecture (Maya Topf, CSSB Hamburg)

14:30 TEMPy-REFF tutorial / own data (Tom Mulvaney, CSSB Hamburg)

16.00 Coffee

16:30 Integrative Modelling (Shruthi Viswanath, NCBS, Bangalore)

17:15 AlphaFold-DB and 3D-Beacons (PDBe, EBI)

18:00 TBC/Work on your data

19:00 Dinner

Day 3 | Wednesday 1st April

9:15 Research Lecture, TBA

10:00 Refmac/Servalcat Lecture (Garib Murshudov, MRC-LMB)

10:45 Coffee

11:00 Refmac/Servalcat tutorial/own data (Garib Murshudov, MRC-LMB)

12:30 Lunch

13:45 Facility visit (IISc/NCBS)

19:00 Dinner

Day 4 | Thursday 2nd April

9:15 Research Lecture, TBA

10:00 Coot/Moorhen lecture (Lucrezia Catapano, MRC-LMB)

10:45 Coffee

11:00 Coot tutorial / own data (Lucrezia Catapano, MRC-LMB)

12:30 Lunch

13:45 Research Lecture, TBA

14:30 Machine learning applications (Sony Malhotra, CCP-EM)

15:15 ISOLDE lecture and demo (Tristan Croll, AltosLabs, online)

16:30 Coffee

17:00 EMDB deposition and validation (EMDB, EBI)

17:45 TBC/Work on your own data

19:00 Dinner

Day 5 | Friday 3rd April

9.00/9:30 Model validation (TBA)

10:15 Coffee

10:30 Integrative Modelling pipeline (Shruthi Viswanath, NCBS)

12:30 Lunch

13.30 Model validation lecture and tutorial (Agnel Joseph, CCP-EM)

16.30 Coffee and workshop close