Micron OMX Course

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Programme

Tuesday 11th February

Meet from 10:00 Biochemistry, Micron t

Talks start at 11:00am in the Biochemistry Building on the second floor's seminar room.

11:00 - 11:30 Intro - Ian Lothar Marcel
11:30 - 12:15 Theory of SIM - Marcel
 12:15 - 13:00 Practical implementation of SIM and the OMX - Ian
 13:00 - 14:00 Lunch
14:00 - 16:00 Prepare bead samples, - micron prep area.
16:00 - 17:30 SIM reconstructions - standard 2D&3D , Hessian, RIM, non-linear and fairsim - Marcel
18:30 Dinner

Wednesday 12th February

9:30 - 10:30 Sample prep - discussion
10:30 - 11:30 Artifacts and SIMcheck in theory
 11:30 - 12:30 Calibrations - theory and practice - pattern focus, OTFs etc…
         (OMX V2, V3 and SR)
 13:30 - 17:00 Practical imaging on the OMX (V2, V3 and SR)

Thursday 13th February from 9:30am

Computing in the analysis room.
SIM image reconstruction - Softworx & fairsim
Image quality assessment - SIMcheck
Image alignment by Chromagnon

Talks from attendees?

Course plan

- Lots of discussion

- Not stick to time

- Ask questions

- Know more on Thursday than we do today