

1st cryoNET course on advanced single particle cryo-EM analysis

Program

| | Monday 5th June | Subject |
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| 9h00 | Katerina Naydenova, LMB-MRC | Image Formation |
| | <i>Coffee break</i> | |
| | Giulia Zanetti, Birkbeck College | Image processing and Fourier transforms |
| 12h00 | <i>Lunch break</i> | |
| | Jose Miguel de la Rosa Trevin, St. Jude Children's Research Hospital | Scipion |
| | <i>Coffee break</i> | |
| | To be announced (TBA) | Particle picking - Topaz |
| 18h30 | <i>Dinner</i> | |
| 20h00 | Zoom talk TBA | |
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| | Tuesday, 6th June | Subject |
| 9h00 | Kiran Kulkarni, CSIR-National Chemical Laboratory | Maximum Likelihood - Mathematical basis cryo-EM applications |
| | <i>Coffee break</i> | |
| | GATAN person TBA | DDD's |
| 12h00 | <i>Lunch break</i> | |
| 13h00 | Oliver Clarke, Columbia University Medical Center | CryoSPARC Theory/Practical |
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| 17h00 | Poster session | |
| 19h00 | <i>Workshop dinner</i> | |
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| | Wednesday, 7th June | Subject |
| 9h00 | Björn Forsberg, University of Oxford | Relion - important computational aspects, MB and variability analysis and more |
| | <i>Coffee break</i> | |
| | Björn Forsberg, University of Oxford | Relion - Practical |
| 12h30 | <i>Lunch break</i> | |
| | Rubén Sanchez-Garcia, University of Oxford | Deep Enhancer |
| 16h00-18h00 | <i>Poster session</i> | |
| 20h00 | Zoom talk TBA | |
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| | Thursday, 8th June | subject |
| 9h00 | Bernhard Lohkamp, Karolinska Institutet | Coot lecture |
| | <i>Coffee break</i> | |
| | Bernhard Lohkamp, Karolinska Institutet | Coot practical |
| 12h00 | <i>Lunch break</i> | |
| 13h00 | Oliver Raschdorf, Thermo Fisher Scientific | DDDs and optimal data collection |
| 14h00 | Brady Johnston | Animations examples and practicals in Blender |
| | <i>Coffee break</i> | |
| | Brady Johnston, Perth Protein group | Continuation on animations examples and practicals in Blender |
| 19h00 | Pizza and beer in Studenterbaren | |
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| | Friday, 9th June | subject |

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| 9h00 | Joe Atherton, Kings College London | Microtubule processing |
| | <i>Coffee break</i> | |
| | TBA | |
| 12h30 | <i>Lunch break and good bye</i> | |
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 SciLifeLab



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