

CryoEM Data Processing Seminar 2024

Date: September 24th, 2024

Venue: Biocev, Prumyslova 595, 252 50 Vestec, Czech Republic

Programme:

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| 8:45 – 9:00 | Registration |
| 9:00 – 9:05 | Welcome address & Introduction (<i>Aleš Benda/David Liebl</i>) |
| 9:05 – 9:40 | Session 1: Introduction to cryoEM sample preparation and data collection (<i>Jiří Mikšátko</i>) |
| 9:40 – 10:15 | Participants introduction (<i>3-minute flash talks by experienced participants</i>) |
| 10:15 – 10:30 | Coffee Break |
| 10:30 – 12:30 | Session 2: Introduction to cryoEM data processing – Ideal workflow and theory, comparison of RELION and cryoSPARC, parameters, options (<i>Dalibor Košek</i>) |
| 12:30 – 13:30 | Lunch Break |
| 13:30 – 15:00 | Session 3 (Part A): Processing of real-life data – Processing schemes, heterogeneity, focused refinements, composite maps, multibody refinement, etc. (<i>Dalibor Košek</i>) |
| 15:00 – 15:15 | Coffee Break |
| 15:15 – 16:15 | Session 3 (Part B): Processing of real-life data – Continuation + Troubleshooting (<i>Dalibor Košek</i>) |
| 16:15 – 17:00 | Discussion and Closing of the Workshop |