

Lecture Agenda

Day 1: Mar. 11, 2019

Time	Title	Speaker
8:30 AM -10:45 AM	General principles of cryoEM image reconstruction (PDF)	David DeRosier
11:00 AM -12:00 PM	Data acquisition and pre-processing software, logging on and computer basics (PDF)	Yee Ting Li
12:00 PM - 1:00 PM	Lunch	
1:00 PM - 2:00 PM	Image processing with relion - Introduction	Cornelius Gati
3:00 PM - 5:00 PM	Practical: 1 - Images, MotionCor, CTF	Cornelius Gati

Day 2: Mar. 12, 2019

Time	Title	Speaker
8:30 AM - 12:00 PM	Practical 2: 2D Classification, 3D Classification	Cornelius Gati
12:00 PM - 1:00 PM	Lunch	
1:00 PM - 5:00 PM	Practical 3: 3D Refinement and map improvement	Cornelius Gati

Day 3: Mar. 13, 2019

Time	Title	Speaker
8:30 AM -10:30 AM	Map visualization and validation (PDF)	Greg Pintilie/Wah Chu
11:00 AM - 11:45 AM	Map challenge and map deposition and archival (PDF)	Cathy Lawson
11:45 AM - 1:00 PM	Lunch provided for Practical attendees only: Sponsored by ThermoFisher	
1:00 PM - 1:45 PM	Dealing with heterogeneity in single-particle cryoEM data (PDF)	Georgios Skiniotis
1:45 PM - 2:30 PM	Image processing of heterogeneous particle images (not available for public viewing)	Kaiming Zhang
2:30 PM - 3:10 PM	Update on Volta Phase Plate (not available for public viewing)	Bart Buijsse