This workshop will provide a thorough introduction to cryoEM and related methodologies with an emphasis on single-particle analysis and reconstruction.

Stanford Bio-X
CryoEM Workshop
September 24-25, 2019
Clark Center Auditorium

Tuesday, September 24
8:30-9:00AM
INTRODUCTION
Georgios Skiniotis, Stanford

9:00-10:00AM
EM IMAGE FORMATION AND DATA COLLECTION
Yifan Cheng, UCSF

10:00-11:00AM
CLASSIFICATION AND 3D RECONSTRUCTION WORKFLOW
Georgios Skiniotis, Stanford

11:00AM-12:00PM
IMAGE PROCESSING WITH cisTEM
Alexis Rohou, Genentech

1:30-2:30PM
SPECIMEN PREPARATION FOR CRYOEM
Dan Southworth, UCSF

2:30-3:30PM
IMAGE PROCESSING WITH RELION
Cornelius Gati, Stanford

3:45-4:45PM
MODELING INTO CRYOEM MAPS
Michael Robertson, Stanford

4:45-5:45PM
RECEPTION & POSTER SESSION

Wednesday, September 25
9:00-10:00AM
OVERVIEW OF CRYOEM METHODOLOGIES AND CAPABILITIES AT SLAC
Wah Chiu, Stanford

10:00-10:45AM
COMPUTATIONAL SET-UP FOR CRYOEM
Alpay Seven, Stanford

11:00-11:30AM
CRYOEM DATA MANAGEMENT
Yee Ting Li, SLAC

11:30AM-12:30PM
ACCESSING STANFORD CRYOEM FACILITIES
Liz Montabana, Stanford

12:30-12:45PM
CLOSING REMARKS
Georgios Skiniotis, Stanford

TO REGISTER:
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