AGENDA

Sunday, June 24, 2018

Check-in
Graduate Hotel
615 E Huron St, Ann Arbor, MI 48104

Welcome & computer setup
North Quad Room 2255 (All courses will take place here)
105 S State St, Ann Arbor, MI 48109

M. Cianfrocco, M. Ohi & IT Support

Monday, June 25, 2018

Breakfast
North Quad 2255

A crash course in using cloud computing for cryo-EM image processing
North Quad 2255 | M. Cianfrocco

Introduction to cryoSPARC
North Quad 2255 | Z. Ripstein

Cryo-EM Image processing: cryoSPARC (class data set) North Quad 2255 | Z. Ripstein

Lunch
North Quad 2255

Cryo-EM Image processing: cryoSPARC (class data set) North Quad 2255 | Z. Ripstein

Introduction to cisTEM
North Quad 2255 | A. Rohou

Cryo-EM Image processing: cisTEM (class data set) North Quad 2255 | A. Rohou

Dinner
North Quad 2255

Continue processing class data set using cryoSPARC and cisTEM)
North Quad 2255 | A. Rohou, Z. Ripstein, M. Cianfrocco, M. Ohi & IT Support

Time markers: 8, 9, 10, 11, 12, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

KEY

Administration | Lecture | Practical | Special | Break

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Tuesday, June 26, 2018

Breakfast
North Quad 2255

Discuss results and questions from cryoSPARC and cisTEM analysis North Quad 2255

Introduction to RELION
North Quad 2255 | X. Bai

Start processing class data set using RELION
North Quad 2255 | X. Bai

Lunch
North Quad 2255

LSI cryo-EM facilities tour
OR Continue processing using RELION
North Quad 2255 | A. Bondy & X. Bai

Structural insights into the phospholipid activation of mammalian TPC1 channel
Forum Hall, Palmer Commons, 100 Washtenaw Ave | X. Bai

Continue processing using RELION
North Quad 2255 | X. Bai

Dinner
North Quad 2255

Continue processing class data set using cryoSPARC and cisTEM)
North Quad 2255 | M. Cianfrocco, M. Ohi, X. Bai & Teaching assistants

Wednesday, June 27, 2018

Breakfast
North Quad 2255

Discuss results and questions from cisTEM and RELION analysis
North Quad 2255 | M. Cianfrocco

Introduction to Rosetta with cryo-EM maps
North Quad 2255 | F. Dimaio

Hands on with Rosetta
North Quad 2255 | F. Dimaio

Group Photo
Lunch
North Quad 2255

Free Time/Social Activity
Gallup Park
3300 Fuller Rd

Please join us for outdoor activities and ice cream at the Bernard Mass Shelter at Gallup Park.

Dinner
North Quad 2255

Continue with Rosetta or processing using class or individual data sets
North Quad 2255 | M. Cianfrocco, M. Ohi, F. Dimaio & Teaching assistants

Time markers: 8, 9, 10, 11, 12, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

KEY

| Administration | Lecture | Practical | Special | Break |

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Thursday, June 28, 2018

Breakfast
North Quad 2255

Discuss results and questions from data analysis North Quad 2255 |

Continue with Rosetta or processing using class or individual data sets
North Quad 2255 | M. Cianfrocco, M. Ohi, F. Dimaio & Teaching assistants

Lunch
North Quad 2255

Continue process data and building models
North Quad 2255 | M. Cianfrocco, M. Ohi, F. Dimaio & Teaching assistants

Model Validation: How do you know you have a real structure? North Quad 2255 | M. Cianfrocco & M. Ohi

Fill out class evaluations
North Quad 2255 |

Course Banquet
Rackham Building, Assembly Hall, Fourth Floor
915 E. Washington St

Friday, June 29, 2018

Check out & Departure

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KEY

Administration	Lecture	Practical	Special	Break

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