

CryoEM Workshop 

Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening remarks

Thursday, March 28, 2024 9:00 AM (10 minutes)

Presenter: Dr HSU, Shang-Te Danny (Institute of Biological Chemistry, Academia Sinica)

Session Classification: Lecture Session

Contribution ID: 2

Type: **not specified**

Cryo-EM applications for biomolecular structures

Thursday, March 28, 2024 9:10 AM (50 minutes)

Presenter: Dr WU , Kuen-Phon (Institute of Biological Chemistry, Academia Sinica)

Session Classification: Lecture Session

Contribution ID: 3

Type: **not specified**

Uncover the special technique of cryo-EM for biological studies

Thursday, March 28, 2024 10:00 AM (30 minutes)

Presenter: Dr CHANG , Yuan-Chih (Institute of Biological Chemistry, Academia Sinica)

Session Classification: Lecture Session

Contribution ID: 4

Type: **not specified**

Data Processing - How to use DICOS?

Thursday, March 28, 2024 10:45 AM (15 minutes)

Presenter: Mr WU , Tsung-Hsun (Academia Sinica Cryo-EM Facility)

Session Classification: Lecture Session

Contribution ID: 5

Type: **not specified**

Data collection and data processing - CryoSPARC live and CryoSPARC

Thursday, March 28, 2024 11:00 AM (1 hour)

Presenter: Dr WANG, Chun-Hsiung (Academia Sinica Cryo-EM Facility)

Session Classification: Lecture Session

Contribution ID: 6

Type: **not specified**

PART 1

Thursday, March 28, 2024 1:30 PM (30 minutes)

Group 1: Negative stain and Cryo-EM grid preparation (Dr. Yuan-Chih Chang)

Group 2: Cryo-ET data collection demonstration on Talos (Dr. Chun-Hsiung Wang)

Group 3: SPA data collection demonstration on Titan combined with CryoSPARC live (Dr. Irene Deli)

Session Classification: Hands-on Session (3 groups, 5 trainees per group)

Contribution ID: 7

Type: **not specified**

PART 2

Thursday, March 28, 2024 2:10 PM (30 minutes)

Group 1: Cryo-ET data collection demonstration on Talos (Dr. Yuan-Chih Chang)

Group 2: SPA data collection demonstration on Titan combined with CryoSPARC live (Dr. Chun-Hsiung Wang)

Group 3: Negative stain and Cryo-EM grid preparation (Dr. Irene Deli)

Session Classification: Hands-on Session (3 groups, 5 trainees per group)

Contribution ID: 8

Type: **not specified**

PART 3

Thursday, March 28, 2024 2:50 PM (30 minutes)

Group 1: SPA data collection demonstration on Titan combined with CryoSPARC live (Dr. Yuan-Chih Chang)

Group 2: Negative stain and Cryo-EM grid preparation (Dr. Chun-Hsiung Wang)

Group 3: Cryo-ET data collection demonstration on Talos (Dr. Irene Deli)

Session Classification: Hands-on Session (3 groups, 5 trainees per group)

Contribution ID: 9

Type: **not specified**

Open Discussion and/or Consultation

Thursday, March 28, 2024 3:30 PM (1h 30m)

Session Classification: Hands-on Session (3 groups, 5 trainees per group)