

# Upcoming Events at the University of Arizona Arizona Imaging and Microanalysis (AIMS) Society Annual Meeting

## March 31st - April 1st

### Arizona Imaging and Microanalysis Society IMAGE PROCESSING WORKSHOP

# 2025

The Arizona Imaging and Microanalysis Society invites you to attend this year's Annual Meeting and Image Processing Workshop hosted at The University of Arizona. These events provide a forum for members to discuss research, exchange ideas, network, and learn about new techniques and instruments.

The Image Processing Workshop will introduce researchers to best practices in processing data and image files from microscopy experiments, including Cryo-EM, TEM, and Light Microscopy using multiple software tools. Ethical considerations and responsibilities for data handling will also be discussed. Attendees must register by **March 24<sup>th</sup>, 2025**, at <https://azmicroscopy.org/>.

Date | Time  
**Mon, March 31<sup>st</sup>, 2025**  
**9:00AM – 4:30 PM**

University of Arizona  
Environment & Natural  
Resources 2 Building  
S107 Auditorium

Register  
Here →



LUNCH will be provided

#### Session Schedule:

TIME	TOPIC	PRESENTER
9:00 - 10:15 AM	CryoSPARC for Cryo-EM data processing - part 1	Dr. Thomas Tomasiak Assistant Professor, Chemistry & Biochemistry
10:45 - 12:00 PM	CryoSPARC for Cryo-EM data processing - part 2	Dr. Tarjani Thaker Assistant Professor, Chemistry & Biochemistry
1:00 - 2:00 PM	Image Processing for TEM Data	Dr. Paula Tonino TEM Scientist & Manager, RIL Imaging Cores - Electron
2:00 - 3:00 PM	Image Processing for Light Microscopy	Dr. Marco Padilla-Rodriguez Manager, UACC Microscopy Shared Resource
3:30 - 4:30 PM	Data Management with OMERO	Douglas Crome, MS Manager, Imaging Facility

### REGISTRATION DEADLINES:

TALK ABSTRACTS: 3/4  
POSTER ABSTRACTS: 3/17  
WORKSHOP: 3/24  
IMAGE CONTEST: 3/31  
ATTENDANCE: 3/24

### Poster Awards!

1<sup>st</sup>: \$150, 2<sup>nd</sup>: \$100, 3<sup>rd</sup>: \$75

### Image Contest!

1<sup>st</sup>: \$75, 2<sup>nd</sup>: \$50, 3<sup>rd</sup>: \$25  
Popular Vote: \$20

SUBMIT  
HERE →



### Arizona Imaging and Microanalysis Society ANNUAL CONFERENCE

# 2025

JOIN US FOR PRESENTATIONS FROM EXPERTS FROM  
ACADEMIA AND INDUSTRY ON EMERGING METHODS IN

### MICROSCOPY, MICROANALYSIS, and CRYO-EM

#### 2025 INVITED SPEAKERS

**Dr. Alex Vecchio**  
*"Multipurpose Molecules for Imaging and Modulating the Functions of Small Membrane Protein Therapeutic Targets"*  
Assistant Professor, University of Buffalo

**Dr. Jennifer Kung**  
*"Disulfide constrained Fabs overcome target size limitation for high-resolution single-particle cryo-EM"*  
Scientist, Denali Therapeutics

**Dr. Makaia Papisergi-Scott**  
*"Time-resolved cryo-EM of G protein activation by a GPCR"*  
Assistant Professor, University of Rochester

Date | Time  
**Tues, April 1<sup>st</sup>, 2025**  
**9:00AM – 4:30 PM**

University of Arizona  
Environment & Natural  
Resources 2 Building  
S107 Auditorium

Register  
Here →



LUNCH will be provided

#### REGISTER TODAY TO PARTICIPATE IN EVENTS INCLUDING:

STUDENT FLASH TALKS  
POSTER SESSION\*  
IMAGE CONTEST\*  
VENDOR SHOW  
(\*PRIZES AVAILABLE)

Register Here →



REGISTER AT: <https://azmicroscopy.org/>