

# 2024

## Arizona Imaging and Microanalysis Society Image Analysis Workshop

Date | Time

**March 21, 2024**

**9:00AM – 5:00PM**

Location

**Biodesign A,  
Lower-Level Atrium**

**Register  
Here** →



The **Arizona Imaging and Microanalysis Society** invites you to attend this year's annual meeting and Image Analysis Workshop. These events provide a forum for members to discuss research and exchange ideas, network, and learn about new techniques and instruments.

The Image Analysis Workshop will introduce researchers to methods in analyzing microscope data using multiple software tools. Limitations of image manipulation and ethical responsibility will also be discussed. Must register to attend at [AzMicroscopy.org](http://AzMicroscopy.org).

|  |  |
|--|--|
| <b>Check-in</b><br>(9:00AM – 9:30AM)         | Light breakfast provided.  |
| <b>Cell Profiler</b><br>(9:30AM – 11:30AM)   | Cell Profiler, is used for measuring and analyzing cell images. Advanced algorithms for image analysis are available as individual modules that can be configured to form a pipeline.  |
| <b>Imaging Ethics</b><br>(11:30AM – 12:30PM) | How to maintain the integrity of image content and context as well as how to avoid manipulating images such that it can mislead a viewer or misrepresent data.   |
| <b>Lunch</b><br>(12:30PM – 1:30PM)           | Buffet lunch provided.   |
| <b>ImageJ/FIJI</b><br>(1:30PM – 2:30PM)      | The effective use of ImageJ/FIJI. To participate in real time, please download FIJI from <a href="http://www.fiji.sc">www.fiji.sc</a> before the seminar. Topics will include routine use as well as an overview of macro writing, batch processing and automated analysis routines. |
| <b>NIS Elements</b><br>(2:30PM – 3:30PM)     | Overview of Nikon's advanced image analysis and visualization platform.  |
| <b>VS200 Software</b><br>(3:40PM – 4:50PM)   | Overview of Olympus' image analysis software used for analyzing slide scanning data.   |