



**FREE to MSNO
Members**

MSNO Summer School 2015: Microscopy of Soft-Matter Materials

Time and Location

July 17th @ Liquid Crystal Institute Kent State
University

Website and registration

[http://www.msneo.org/
2015-summer-school.html](http://www.msneo.org/2015-summer-school.html)

Format

Lectures and demos (live/video)

Tentative Schedule

8:30-9:00 Registration

9:00-9:45am Optical microscopy: optical path and camera basics (Dr. Adam Smith, University of Akron)

10:00-10:45 Basics of electron microscopy – a quick overview (Dr. Min Gao, Kent State University)

11:00-11:45 Fluorescence imaging: Theory and advanced applications (Smith)

12:00-1:15pm Lunch

1:15-1:45 Biological Electron Microscopy: Things you should know to obtain best images (Dr. Midori Hitomi, Cleveland Clinic)

2:00-2:45 Cryo-EM of soft-matter materials (Gao)

3:00-3:45 Cryo-EM specimen preparation for soft-matter materials (Gao)

4:00-5:00pm Demos and discussion

