

Super-Resolution Microscopy Workshop

- Presented by the Bioscience Imaging Facility -

When: Tuesday, February 7th, 2012

Where: Burton Morgan 121 (am); Hansen B035 (pm)

'Super-resolution' microscopy is a new class of optical imaging techniques that can break the diffraction-limited resolution barrier. This workshop will discuss and demonstrate several of these exciting new technologies, including PALM, STORM, and SIM. Morning lectures will be followed by a hands-on demonstration of two leading commercial platforms in the afternoon.

RSVP: Aaron Taylor; abtaylor@purdue.edu; 765-496-3148

10-11 am "Theory and Application of Localization Super Resolution"
Dr. Steve Ross, Super Resolution Product Manager, Nikon

11-12 pm "Theory and application of Structured Illumination Super resolution microscopy," Duncan McMillan, Group Product Marketing Manager, Carl Zeiss

12-1 pm Lunch in the Burton Morgan cafeteria, courtesy of Zeiss and Nikon
Please RSVP by February 1st

1-5 pm Demonstration of Nikon's N-STORM and Zeiss' ELYRA super-resolution platforms. Both systems will be available throughout the week for prospective users to test run their own samples. Specialized sample preparation is required. Please contact Aaron Taylor to schedule a test run.

