



Harvard Center for Biological Imaging Lunch and Learn Lecture Series

Fall 2015

September 9th
12:00PM

Introduction to Microscopy:

Sven Terclavers will be speaking on the basics of microscopy. Come learn how a microscope works and what terms like NA and magnification really mean.

September 23rd
12:00PM

Introduction to 3D X-ray Microscopy:

Amo Merkle from Carl Zeiss X-ray Microscopy will be here to explain how this technology can give you synchrotron-quality tomographic images in the laboratory.

October 7th
12:00PM

Introduction to Raman Imaging:

Arthur McClelland from the Harvard Center for Nanoscale Systems will introduce us to the label-free Raman imaging technique.

October 14th
All day

Introduction to arivis Vision4D:

The development team from arivis Vision4D will be on campus for an all-day workshop. Space is limited contact Doug Richardson to register.

October 21st
12:00PM

Introduction to Electron Microscopy:

Carolyn Marks from the Harvard Center for Nanoscale Systems will discuss a number of electron microscopy techniques and methods of sample preparation for biological samples.

November 4th
12:00PM

Introduction to Fluorescence and Fluorescence Probes:

Doug Richardson will provide an introduction to fluorescence, the basic structure of a fluorophore, and review the dyes, proteins and biosensors currently available.

November 20-22nd
All day

Tissue Clearing Workshop:

The HCBI will host 3-day workshop focused on preparing, imaging, and analyzing cleared tissue. For more info and to register, go to:

www.hcbi.fas.harvard.edu/tcw2015

**Lecture Location: BioLabs lecture Hall Rm 1080
16 Divinity Avenue, Cambridge, MA**

This lecture series is designed to provide general information on microscopy. *You do not need to be an HCBI member to attend!* For further information, please contact Doug Richardson (drichardson@fas.harvard.edu) or Sven Terclavers (sven.terclavers@zeiss.com). *Pizza and drinks provided by Carl Zeiss Microscopy, LLC*

