



Harvard Center for Biological Imaging Lunch and Learn Lecture Series Summer 2018

- May 30th**
12:00PM
Live-Cell Dynamics Imaging and Analysis
Sven Terclavers will introduce us to a number of live-cell dynamic analysis techniques such as FCS, RICS, Number and Brightness and more! He will cover both hardware configuration, imaging and software processing.
- June 13th**
12:00PM
Focus Strategies in ZEN
Sven Terclavers will introduce us to both hardware and software autofocusing in ZEN. Although applicable to all scopes, Sven will concentrate on the Cell Discoverer, the HCBI's newest technology.
- June 27th**
12:00PM
Super-resolution
Doug Richardson will introduce us to the world of super-resolution imaging and discuss ways to move beyond the diffraction barrier with techniques like SIM, PALM, STORM and STED!
- July 18th**
12:00PM
Tissue Clearing Part 1
Doug Richardson will introduce us to the basics of tissue clearing and how to choose the right method. Ted Zwang (Lieber lab) will discuss his work in optimizing immunolabelling in cleared tissue.
- August 1st**
12:00PM
Tissue Clearing Part 2
Doug Richardson will discuss methods for imaging cleared tissue and how to handle all of the data!

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

This lecture series is designed to provide information on applications and techniques available in the HCBI. *You do not need to be a member of the facility 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

