



Harvard Center for Biological Imaging Lunch and Learn Lecture Series

Summer 2016

June 15th
12:00PM

Pixel reassignment and parallelized scanning:
Sven Terclavers will be speaking on **the latest advances in confocal microscopy** that allow for **high sensitivity, super-resolution AND high speed** imaging.

July 6th
12:00PM

Fluorescence Lifetime Imaging (FLIM):
Doug Richardson will be speaking on **fluorescence lifetime**, a unique characteristic of each fluorophore, and how it can be exploited with **new equipment at the HCBI**.

July 13th
12:00PM

Microscope Objectives:
Our new embedded Zeiss Specialist, Sebastian Gliem, will inform us how objectives work, what the differences are between them, and **how to choose the best one for your application**.

July 27th
****12:30PM****

Immunostaining
Doug Richardson will be speaking on how to **optimize your immunostaining** and common pitfalls to avoid. In addition, some information about how to best stain thick, cleared tissue will be covered

August 10th
12:00PM

Optimizing your experiments
Which microscope should you choose? How can you **optimize all of those settings in ZEN** to improve your image quality? Sebastian Gliem will tell you how!

**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 Sebastian Gliem (sebastian.gliem@zeiss.com).

Pizza and drinks provided by Carl Zeiss Microscopy, LLC

