



# Harvard Center for Biological Imaging Lunch and Learn Lecture Series

Fall 2016

- Sept. 14<sup>th</sup>**  
12:00PM  
**History of Microscopy:**  
Sebastian Gliem will help us celebrate Carl Zeiss' 200<sup>th</sup> birthday. Hear about the history of microscopy and the ZEISS company. Also enter your name in a raffle to win a \$500 voucher for the HCBI.
- Sept. 28<sup>th</sup>**  
12:00PM  
**Introduction to the Light Microscope:**  
Doug Richardson will be speaking on the inner workings of the light microscope. This will be a short introduction to how a microscope works and what you can use it for.
- Oct. 12<sup>th</sup>**  
12:00PM  
**Introduction to Optical Sectioning:**  
Sven Terclavers, will inform us how microscopes can slice up you sample without using a knife! Come learn how the techniques you use everyday (Apotome, confocal, lightsheet) actually work.
- Oct. 26<sup>th</sup>**  
12:00PM  
**Motion Artefact Detection in SIM:**  
In a slight departure from our back to basics talks, Ronny Foerster will be visiting from the University of Jena to discuss his work on dealing with motion artifacts in Structured Illumination data.
- Nov. 9<sup>th</sup>**  
12:00PM  
**Introduction to Live Cell Imaging:**  
Doug Richardson will be speaking on live cell imaging. Topics include: what you need to consider during sample prep and how to choose the best microscope for your needs.

**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*

