

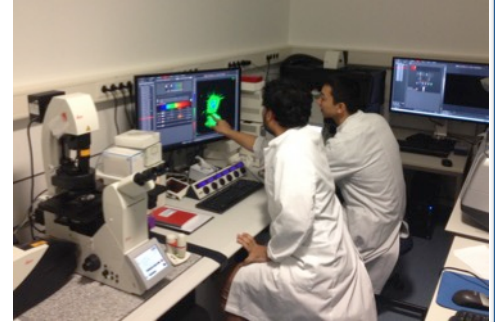
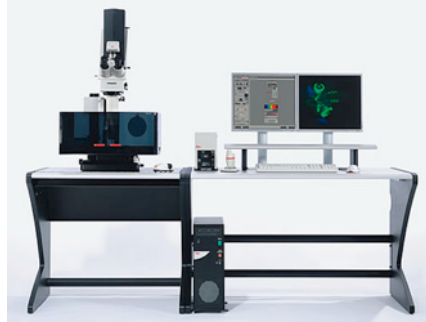
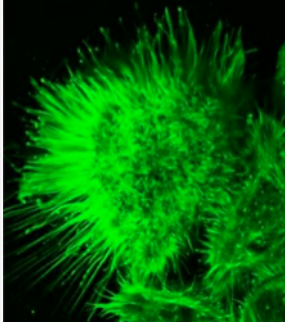


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UNIT



# 2<sup>nd</sup> MSU Light Microscopy Workshop



**Confocal Imaging  
Time Lapse Microscopy  
Image Analysis tools**

**July 13-14, 2016  
9 am to 5 pm  
University Medical Center, Building 708  
Seminar room 2**

***Introductory Lectures: Admittance Open  
Hands-on Workshop: Registration required***

Transmed: 2 CP (whole workshop)

Participation in the workshop is free of charge, but registration is required as the number of slots is limited. Preference will be given to graduate students and early career scientists, please indicate your status. The introductory talks are open for everyone!! Please register via email to: [inmelzer@uni-mainz.de](mailto:inmelzer@uni-mainz.de) by 11.07.2016.



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## Programme

### Day 1 (13.07.2016)

**9:10-9:30 :** Opening remarks, Welcome address by Profs. Krishnaraj Rajalingam and Andreas Diefenbach (Speaker, FZI)

### Introductory lectures (Open for everyone)

**9:30-10:30:** **Prof. Gregory Harms**, Wilkes University, Wilkes-Barre, PA, USA : An Introduction to Optical Microscopy: Some Essentials on Optics, Resolution, Contrast, Imaging, Spectroscopy and Platforms.

**10:45-11:20:** **Dr. Jan de Bock, Leica:** Basics of Confocal Microscopy, Resolution, Speed and Colours

**11:30-12:15 :** **Dr. Karl-Heinz Koertje, Leica:** Applications for Specific Needs: Confocal Super-Resolution, Multiphoton Excitation etc.

**12:30-13:30:** Lunch Break

### Workshop (Restricted to registered participants)

**13:30- 17:00:** Hands-on Workshop PART1

### Day 2 (14.07.2016)

**9:30-12:30:** Workshop PART 2

**12:30-13:30:** Lunch Break

**13:30-17:00:** Workshop PART3



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