

From Eye to Insight



SEE THE HIDDEN

A circular microscopic image of a cell, split vertically. The left half is a blurred, greenish-yellow image, while the right half is a sharp, detailed image showing a complex network of red and green structures, likely representing different components of the cell.

Join us for
a unique
workshop
experience

18th - 19th March 2020

Max-Planck-Institute of
Experimental Medicine, Light
Microscopy Facility, Göttingen

Free event, limited spaces

Leica Microsystems, ACQUIFER and the MPI of Experimental Medicine cordially invite you to a special one-day event showcasing biological samples and microscopy, optimized workflow and big image data handling solutions. This dedicated programme of scientific lectures and microscopy workshop sessions tells the story of how biological samples are used as complex 3D models of human disease and how Leica's innovative imaging techniques can harness the full 3D detail contained within them and other 3D live cell cultures. We would also like to show you ideas on how to optimize your image acquisition, visualization and analysis workflow and show you solutions to handle big data volumes.

To attend, please contact Ramona.Iske@leica-microsystems.com

Location: Max-Planck-Institute of Experimental Medicine, Light Microscopy Facility, Hermann-Rein-Str. 3, 37075 Göttingen

Host: Dr. Mišo Mitkovski, mitkovski@em.mpg.de

Complimentary lunch and coffee will be available.

Overview of the day

- Informative lectures from the Leica Advanced Workflow Team (including CARS- Coherent anti-Stokes Raman Scattering)
- A guest speaker from ACQUIFER regarding the HIVE system: Handling Big Image Data Volumes in Microscopy
- A series of workshops featuring the latest innovations from Leica Microsystems and ACQUIFER

Featuring the following new systems

- THUNDER Imagers -Fast removal of blur to uncover the hidden detail in 3D specimens
- SP8 FALCON - fast fluorescence lifetime imaging (FLIM) for investigating living cell physiology and exploring live cell dynamics
- ACQUIFER HIVE: Fast intermediate storage optimized for big image data volumes, with the NET module to connect your microscope systems, the DATA module for image data storage and the CORE module for processing.
- SP8 DIVE: The Deep In Vivo Explorer is the first spectrally tunable solution for multicolor, multiphoton (MP) imaging

All systems will be available for personal demonstrations.
Please book via the email address below.