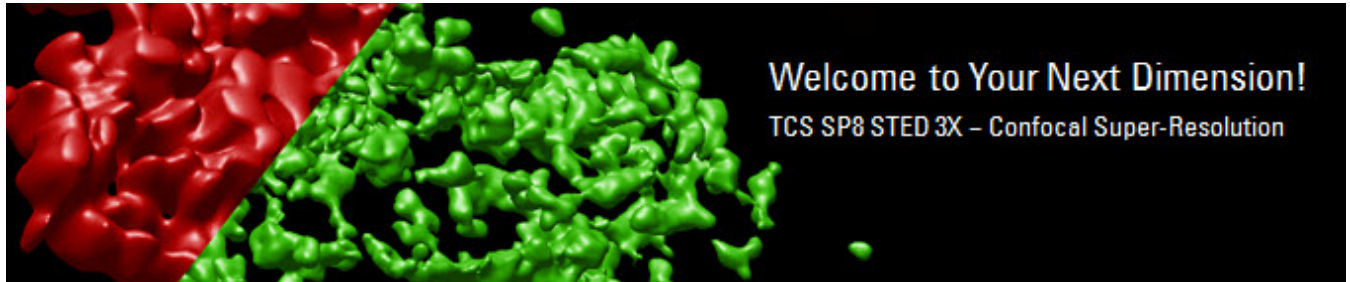


[Click here](#) to view this message in a browser window.



1st Practical School in Super-Resolution Microscopy

Dear user,

We are pleased to invite you to participate at the [1st Practical School in Super-Resolution Microscopy](#) that CNIC & Leica Microsystems are co-organizing next **15th-17th March 2016** in **Madrid** at CNIC facilities.

Due to the increasing demand for techniques in Super-Resolution Microscopy, both institutions are organising this first edition to gain insight into these techniques and learn how to use them.

[Learn More](#)

We look forward to your participation!

Best regards,

Your CNIC & Leica Microsystems Team

General Information

Venue:

Centro Nacional de Investigaciones Cardiovasculares
c/ Melchor Fernández Almagro, nº 3
28029 Madrid

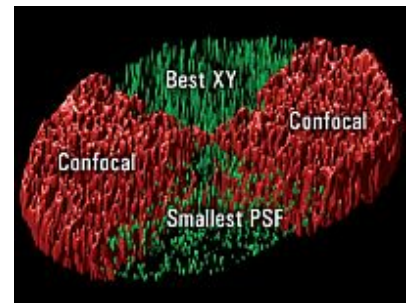
Dates: 15-17th March 2016



Course Objectives:

This course is aimed at researchers and microscopy technicians that work or intend to work with Super Resolution techniques.

During the course we will cover important topics for sample preparation for Super-resolution and optimizing imaging acquisition with dSTORM (Leica GSD) and STED (Leica SP8 STED 3X) technologies, processing, deconvolution and image analysis for SR data (LAS X and Huygens) with theoretical and practical sessions of different aspects.

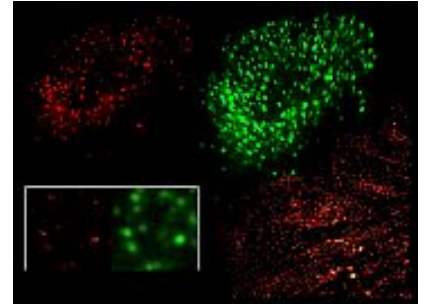


Registration

Registration fee: 100€ (VAT incl.) To be paid via bank transfer after receiving our booking confirmation.

Please apply for registration by emailing us your contact details to marga.fite@leica-microsystems.com. If any questions, please call us at +34 93 494 95 55.

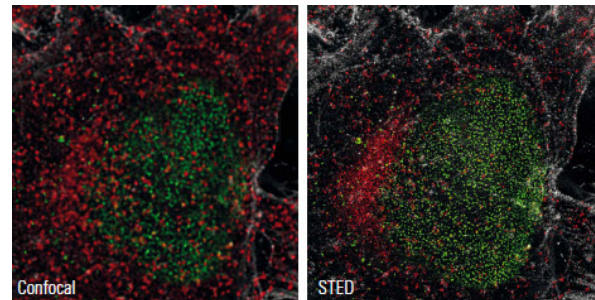
[Register Now](#)



Instruments used:

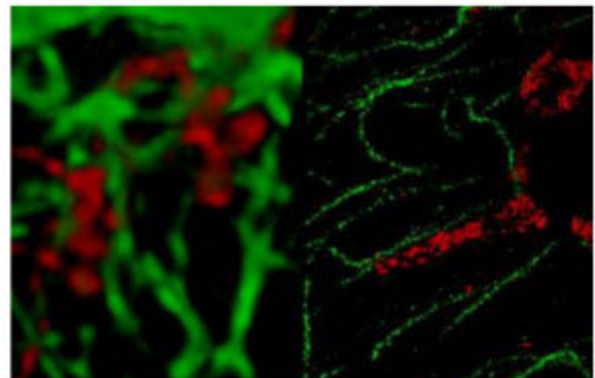
Leica TCS SP8 STED 3X:

- Super-resolution system STED based on Confocal Microscope Leica TCS SP8
- New STED depletion lasers to increase the range of compatible fluorochromes
- Súper-resolución in three dimensions (XYZ)



Leica SR GSD 3D:

- Displaying the location of molecules and structures in three dimensions for a better understanding of cellular processes
- GSD (Ground State Depletion), base in dSTORM technology (Direct Stochastic Optical Reconstruction Microscopy)
- High power lasers improve efficiency



Deconvolution with Huygens:

- Collaboration between Leica and SVI enables everyone to apply Huygens deconvolution with ease
- All the metadata relevant to Huygens is transferred to Huygens with one click and likewise the images are auto scaled back to Leica
- Dedicate algorithms for STED and gSTED psf



Visit Us on Instagram!

On Instagram, #LeicaMicrosystems shares images and stories from the Leica world of microscopy and electron microscopy sample preparation. Take a look! If you like them, please spread the word through likes and shares!



Imprint

Leica Microsistemas, S.L.U., c/ Nicaragua, 46, 08029 Barcelona (España)
Phone: (+34) 93 494 95 55, Fax: (+34) 93 494 95 32, Website: www.leica-microsystems.com
Editor: Margarita Fité, Email: marga.fite@leica-microsystems.com
Managing Director: Markus Lusser - Knud Müller - Harald Schwenk
Trade register number: -, VAT number: B-58521147

Leica Microsystems owns the copyright and is responsible for all contents and data. Subsequent utilization of text, data and pictures only with prior permission.

[Click here if you want to unsubscribe](#)