

Leica

MICROSYSTEMS

Multiphoton at the Cutting Edge

October 11th, 2017 - Genoa, Italy



DIVE with us into the Future of Microscopy

Join our free conference

In collaboration with the Department of Nanophysics of the Italian Institute of Technology, Leica Microsystems is pleased to invite you to an exclusive event featuring a series of eminent guest speakers and introducing our latest innovation in confocal microscopy: the SP8 DIVE, the first spectrally tunable solution for multi-color multiphoton imaging.

Date: October 11th, 2017

Location: Sala delle Grida - Palazzo della Borsa Valori - Via XX Settembre, 44 - Genova

Join us for a program of informative talks. Spaces are limited, so book your place now for a front row seat

[Interested? Only a few places left so register with us now!](#)

Program:

October 11th, 2017

- 13.00: Registration of Participants with a Welcome Cocktail
- 14.00: **Welcome and Opening Remarks from the Organisers**
Alberto Diaspro, Istituto Italiano di Tecnologia | Tanjef Szellas, Leica Microsystems (Germany)
- 14.15: **Adding Dimensions to Multiphoton Microscopy**
Scott Fraser, University of Southern California (USA)
- 15.00: **High Throughput, High Content Neurobiological Imaging**
Peter So, Massachusetts Institute of Technology (USA)
- 15.45: **Multimodal Optical Imaging of the Whole Brain**
Francesco S. Pavone, European Laboratory for Non Linear Spectroscopy-
University of Florence
- 16.30 Coffee break
- 16.50: **New Optical Approaches to Reveal the Neural Code Underlying Sensory Perception**
Tommaso Fellin, Istituto Italiano di Tecnologia
- 17.35: **Optical Control and Real Time Imaging of DNA Damage Repair**
Elisa Ferrando May, University of Konstanz (Germany)
- 18.20: **Diving for Deeper Insights**
Marco Meijering, Leica Microsystems (Netherlands)
- 19.00: **More Than Two-photon: the Past and the Future**
Alberto Diaspro, Istituto Italiano di Tecnologia

Full Spectral Freedom for Multi-color, Deep in Vivo Imaging SP8 DIVE

- **SP8 DIVE** - Deep In Vivo Explorer is the first spectrally tunable solution for multi-color multiphoton (MP) imaging.
- **SP8 DIVE** can adapt to existing and new transgenic markers with just a few mouse clicks. Inflexible hardware filters, long setup times, and limited ability to adapt experiments are no longer a limitation.
- **SP8 DIVE** enables researchers to capture up to 67% more of the fluorescence signal from the investigated marker signal and, as a result, achieve more contrast and depth for multi-color in vivo deep imaging.
- **SP8 DIVE** gets the best out of your experiment!

[Learn more about our latest innovations](#)

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