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**EuroCellNet COST action (CA 15214), an Integrative Action for Multidisciplinary Studies on Cellular Structural Networks**



featuring



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**Training School on Multimodal Optical Imaging  
Methods of visualisation and reconstruction of Cellular Structural Networks**

**Trnava, 09-11 September 2019  
(held at UCM, nam. J Herdu, Trnava)**



**Speakers:**

**Ljuba Bacharova**, ILC Bratislava, Slovakia

**Ales Benda**, BIOCEV Czech Republic

**Riccardo Cicchi**, National Institute of Optics CNR-INO and LENS, Sesto-Fiorentino, Italy

**Dusan Chorvat**, ILC Bratislava, Slovakia

**Beata Cunderlikova**, Medical Faculty UK and ILC Bratislava, Slovakia

**Maria Farsari**, FORTH, Greece

**Jozef Gotzmann**, Medical University Vienna, Austria

**Peter Horvath**, Institute of Biochemistry, Hungarian Academy of Sciences, BRC, Szeged, Hungary

**Zuzana Jurasekova**, Center for Interdisciplinary Biosciences, UPJS Kosice, Slovakia

**Philipp Kukura**, University of Oxford, United Kingdom

**Alzbeta Marcek Chorvatova**, ILC Bratislava and UCM Trnava, Slovakia

**Anton Mateasik**, ILC Bratislava, Slovakia

**Ramunas Valiokas**, Baltfab, Lithuania

**Alexandra Zahradnikova, Jr**, Biomedical Center SAS, Bratislava, Slovakia

Multimodal optical technologies are emerging technologies with exponential growth. Many applications of light have revolutionized society through medicine, communications, entertainment and culture. Industries based on light are major economic drivers, and light-based technologies directly respond to the needs of humankind by providing access to information, promoting sustainable development, and increasing societal health and well-being.

**Training School on Multimodal Optical Imaging is specifically focused at the promotion of Methods of visualisation and reconstruction of Cellular Structural Networks. It is fully supported by EuroCellNet COST action (CA 15214), an Integrative Action for Multidisciplinary Studies on Cellular Structural Networks.**

The goal of the training school is to introduce Ph.D. students, scientists and laboratory operators to latest advances in light technologies and their applications in interdisciplinary biosciences and biomedical sciences. **A full 3 day session** includes specialized lectures on spectroscopy, imaging, data analysis, as well as in 3D printing, followed by scheduled laboratory work where participants will be able to make their own projects in advanced microscopy and macroscopy imaging and spectroscopy, as well as 3D model creation, visualization and fabrication. Focus will be given on practical training, which will be related to the knowledge obtained in theoretical sessions. **Training School venue** is in the historic town of Trnava, situated 45km to the north-east of the capital of Slovakia, Bratislava.

**We have 25 grants for trainees to be reimbursed for the attendance to the Training School, including travel.**

More information and registration can be found at <http://web.mlc.sk/training/cost/trnava/>.

**Deadline for registration is 30.6.2019.**

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