CONFERECE VENUE

April 3-5, 2020
ENSIC, 1 rue Grandville, 54000 Nancy-France

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WITH THEIR SUPPORT

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LALS is a leading international conference in the areas of laser applications in life sciences, at the edge of laser physics, photochemistry, photobiology, photobiomedicine, and biophotonics. It has a long tradition of gathering world-renowned research scientists, clinicians and industrials experts in the fields of biomedical optics, spectroscopy and imaging, laser therapy and biophotonic sensing.

**Plenary speakers**

**Claude Boccara,**
ESPCI Paris,  
«Static and dynamic full field OCT: from tissues to cells».

**Sergio Fantini,**  
Tufts University, USA,  
«Quantitative studies of cerebral hemodynamics with near-infrared spectroscopy».

**Jürgen Popp,**  
Leibniz Institute of Photonic Technology Jena, Germany,  
«Photonics for medical diagnosis and therapy».

**Elena Zagaynova,**  
Privolzhsky Research Medical University  
«FLIM metabolic imaging from cells to patients».

**KEY DATES**

Submission deadline: November 8, 2019  
Earlybirds registration: until February 2, 2020

**CALL FOR PAPERS**

There are 13 sessions to choose from, addressing a wide range of topics:

- Diffuse Optical Imaging
- Light Propagation in Tissues, Modelling & optical phantoms
- Image-guided therapy, Lasers & PDT for treatment and diagnosis
- Optical Microscopy & Laser-cell-tissue interactions
- Multimodal and Multispectral approaches
- Nano-biophotonics for cancer
- OCT, Elastography, Photoacoustic, Polarization Imaging
- Microwave and terahertz applications in biology and medicine
- Microcirculation imaging, Laser Speckle Contrast Imaging
- Machine Learning, Bioinformatics, Image and signal Processing
- Clinical transfer applied to Cancer Treatment and Diagnosis
- Biophotonics devices for personalized diagnostics and wearables
- Lasers in dermatology – Photodermatology

Instructions, template and submission on the conference website: [https://lals.sciencesconf.org](https://lals.sciencesconf.org)