

## CONFERENCE VENUE



April 3-5, 2020



ENSIC, 1 rue Grandville, 54000 Nancy-France

## CONTACT



[lals.sciencesconf.org](http://lals.sciencesconf.org)



[lals2020@progepi.fr](mailto:lals2020@progepi.fr)



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## WITH THEIR SUPPORT

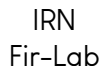


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## 16<sup>TH</sup> INTERNATIONAL CONFERENCE ON LASER APPLICATIONS IN LIFE SCIENCES

# Nancy,



# 2020

NANCY, FRANCE

APRIL 3<sup>RD</sup> TO 5<sup>TH</sup>, 2020



[lals.sciencesconf.org](http://lals.sciencesconf.org) – [lals2020@progepi.fr](mailto:lals2020@progepi.fr)



## 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>

Local organizing committee of LALS2020:

Walter Blondel, Muriel Barberi-Heyob,

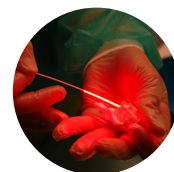
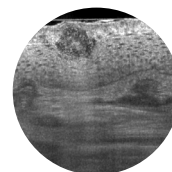
Christian Daul, Marine Amouroux.

CRAN, UMR 7039 CNRS-Université de Lorraine



## SCIENTIFIC PROGRAM

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».