



# ICOP

Italian Conference on  
Optics and Photonics

Parma, June 9-11, 2020

# Call for PAPERS

The **Italian Conference on Optics and Photonics** aims to bring together researchers from all over Italy and worldwide, networking and exchanging their research developments in the field of Optics and Photonics, in a stimulating and multidisciplinary forum. The Conference will establish as a high-level meeting in the areas of Nano and Quantum Sciences, Optical Communication Systems, Optical Imaging and Sensing, Laser and Nonlinear Optics, Applications of Photonic Technology and new Emerging Topics. The program will feature invited lectures, oral and poster sessions and workshops.

## IMPORTANT DATES

Submission Deadline: **31 January 2020** - Acceptance Notification: **30 March 2020**

Template and information for authors will be soon published on the web site: <http://icop2020.unipr.it>

## MAIN TOPICS

**Nano and Quantum Sciences** Quantum cryptography and communication, Quantum sensing/imaging/metrology and nanofabrication, Optical antennas and nanoantennas, Nano-optical cavities and waveguides

**Optical Communication Systems** Novel fibers, Active optical devices, Photonic integrated circuits, Digital transmission systems, Access, data center and optical networks

**Optical Imaging and Sensing** Bio-imaging and microscopy, Chemical, biochemical and physical sensors, Fiber sensors, Lab-on-chip, Optogenetics, Optofluidics, Image sensors

**Laser and Nonlinear Optics** Micro-structured and specialty optical fibres, Quantum confined lasers and laser components, Fiber lasers, Nonlinear optics and its applications

**Applications of Photonic Technology** Photonics in manufacturing, Organic electronics and photonics, Photonics for solar energy systems, Photonics for automotive and aerospace, Photonics for agri-food

**Emerging Topics** 3D Printed optics and additive photonic manufacturing, Digital optics for immersive displays, Neuro-inspired photonic computing, Photonics for free space, 5G and microwave applications

## General Chair

Annamaria Cucinotta - Università di Parma

## Local Organizing Committee

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