5th International Conference on Applications of Optics and Photonics
Hotel de Guimarães Business & SPA, Guimarães, Portugal, July 18 to 22, 2022

Call for Papers

The Portuguese Society for Optics and Photonics is organizing the V International Conference on Applications of Optics and Photonics, AOP2022, at the UNESCO World Heritage historical city of Guimarães in the beautiful north of Portugal, July 18 to 22, 2022. Portugal’s first capital, Guimarães was recently considered one of the most beautiful small towns in Europe by CNN Travel. It holds the Charm tranquility mystery and that special atmosphere of the European medieval towns with a well-preserved heritage and well taken care urban spaces. Focusing also on the preservation of the natural environment and on sustainable development, Guimarães is a progressive city with an important well-established and innovative industry and a young population that helps maintaining a constant vibrant and impressive cultural life that the participants of AOP2022 will share and enjoy.

In line with the major success of SPOF’s previous conferences - AOP2011 in Braga, AOP2014 in Aveiro, AOP2017 at the University of Algarve in Faro, and the last edition AOP2019 at the University of Lisbon - our 5th international meeting will review the state-of-the-art and foresee and discuss the future of research in Optics and Photonics while further reinforcing the international prestige of the AOP conferences as reference meetings in O&P.

In the open and friendly environment characteristic of SPOF’s conferences, we will meet again in person to exchange knowledge and experiences and to renew relationships and foster the establishment of the widest range of cooperation projects and relationships with colleagues and institutions from Portugal and from all around the world. Now that the world is slowly recovering from the COVID19 pandemic and trying to resume “normal” life, we will be particularly careful in ensuring the proper sanitary and best safety conditions in order to allow a smooth and efficient development of our conference. The use of protective masks will be mandatory at the conference venue and at the enjoyable social program we will provide. The deadline for submissions of works to the conference as well as the early registration deadline were set to the latest possible dates (early/mid-June) in order to allow the safer and most comfortable participation decision.

Over forty plenary and keynote lectures by world renowned researchers in all fields of Optics and Photonics, sets the quality standards of a varied and exciting scientific program. Peer-reviewed accepted papers will be published in an indexed proceedings book (IOP Journal of Physics-Conference Series) and in special editions or sections of several reputed ISI/SCI journals. The participation of students is encouraged with reduced fees support and several awards to the best works provided with the support of ICO, SPIE, EOS and SPOF.

Important dates

Abstract Submission Deadline (final): June 11, 2022
Early Registration Deadline (final): June 21, 2022
Full Paper Submission Deadline: July 29, 2022

www.aop2022.org
contact@aop2022.org

We are looking forward to welcome in Guimarães, for a most enjoyable and gratifying week, the Optics and Photonics community and our friends from all over the world!
Main topics and Technical Chairs

Optical Communications and Sensors
Rogério Nogueira (University of Aveiro)
Ana Rocha (IT-Aveiro)

Optical Fibers and Applications
Orlando Frazão (University of Porto)
Susana Silva (INESC-Tec)

Gonçalo Figueira (University of Lisbon)
Helder Crespo (University of Porto)

Theoretical, Computational and Quantum Optics
Ariel Guerreiro (University of Porto)

Optical Metrology, Illumination, Image Processing and Industrial Applications
Paulo Tavares (University of Porto)
Manuel Filipe Costa (University of Minho)

Biomedical and Medical Applications of Optics & Photonics
António Lobo (University Fernando Pessoa)
Susana Novais (INESC-Tec)

Biophotonics
Pedro Jorge (University of Porto)

Optometry, Ophthalmic Optics, Color and visual sciences
Sandra Franco (University of Minho)
Paulo Fialdeiro (University of Beira Interior)
António Baptista (University of Minho)

Nano-Photonics and Optoelectronics
José Manuel Baptista (University of Madeira)

Optical Instrumentation for Space and Astronomy
Manuel Abreu (University of Lisbon)
Alexandre Cabral (University of Lisbon)

Optical Design
João Pinto Coelho (University of Lisbon)

Microwave Photonics
José Figueiredo (University of Lisbon)

Optics & Photonics for Smart Cities and Sustainability
José António Rodrigues (University of Algarve)

Optics and Photonics Education and Outreach
Alexandre Cabral (University of Lisbon)