

CALL FOR PAPERS

PHOTOPTICS 2019 - 7th International Conference on Information and Communication Technologies for Ageing Well and e-Health

Sponsored by: INSTICC

Regular Papers Submission Deadline: **October 1, 2018**

<http://www.photoptics.org>

February 25 - 27, 2019

Prague, Czech Republic

Optics has a long and distinct tradition among physical sciences. Ever-present throughout human history, optical systems and phenomena have been subject of interest in all cultures and epochs, from the ancient times of geometrical optics, across the works of Alhazen, Kepler, Descartes, Newton, Huygens, Young, Fresnel, Poisson and many others, to the electromagnetic theory synthesis of Maxwell, culminating in the quantum mechanics revolution of the first half of the 20th century which has come to pave the way for modern laser and photonics technologies. Optical systems are ubiquitous in modern society, with an ever-increasing number of applications covering medical sciences (vision technologies, surgical instrumentation, medical imaging), spatial exploration (telescopes, lenses, spectrometers), telecommunications (fiber optics), information processing (quantum computing), industry (from cutting, welding to precision metrology) and military/weaponry technology, to name but a few examples. Furthermore, laser and optical technology are in general absolutely essential to performing applied research in areas such as chemistry and biology, providing fundamental analysis tools. The success of optical systems and technologies in high-end scientific research has also found its way into everyday consumer products such as printers, displays, discs, cameras and eyeglasses, not to forget that optical fiber is crucial to telecommunications in general and internet in particular.

PHOTOPTICS is organized in 3 major tracks:

- 1 . [Lasers](#)
- 2 . [Optics](#)
- 3 . [Photonics](#)

Conference Chair - Paulo A. Ribeiro, CEFITEC/FCT/UNL, Portugal

Program Chair - Maria Raposo, CEFITEC, FCT/UNL, Portugal

In Cooperation with

Photonics21

The Italian Society of Optics and Photonics

European Optical Society

Società Italiana di Fisica

The Japan Society of Applied Physics

PHOTOPTICS 2019 will have several invited keynote speakers, who are internationally recognized experts in their areas. Their names are not yet confirmed.

Proceedings will be submitted for indexation by:

DBLP, Thomson-Reuters Conference Proceedings Citation Index, EI, SCOPUS and Semantic Scholar.

A short list of presented papers will be selected so that revised and extended versions of these papers will be published by Springer.

All papers presented at the conference venue will also be available at the SCITEPRESS Digital Library.

Kind regards,
Cláudia Ferreira