Dear Colleagues,

Since 1992, Ibero-American researchers have gathered to create partnerships and to promote advances and new research lines in the field of optics and photonics. Mexico has the honor for second time to host the most important scientific meeting of Optics and Photonics in Ibero-America, with a steadily growing attendance at each new conference.

The Red Iberoamericana de Óptica, RIAO (Ibero-American Network for Optics) is organizing the RIAO-OPTILAS 2019 Conference - X Iberian American Optics Meeting and XIII Latin American Meeting on Optics, Lasers and Applications - that will be hosted by the Academia Mexicana de Óptica, AMO (Mexican Academy for Optics), collocated with the Mexican Optics and Photonics Meeting 2019. The RIAO-OPTILAS-MOPM 2019 will be held in Cancun, Mexico, on September 23 to 26, 2019.

The main objective of the meeting is to offer a space to:

* Communicate progress, achievements, research and experiences related to the fields of optics and photonics, in Iberian America and the world.
* Encourage contact, dialogue and exchange among researchers linked to these areas.
* Stimulate and strengthen the collaborative network between researchers from different Iberian American centers.

The RIAO-OPTILAS-MOPM 2019 will include:

* Plenary sessions given by internationally recognized speakers in topics of high worldwide interest and impact in optics and photonics.
* Oral sessions, where invited speakers as well as authors of contributed papers present their most recent and relevant research results.
* Poster sessions, with a selection of peer-reviewed contributions, scheduled in order to foster the networking and establishment of well-focused collaborations among research groups, and with their foreign counterparts.

The scope of RIAO-OPTILAS-MOPM 2019 is including but not limited to:

* Atmospheric and ocean optics
* Atomic and molecular physics
* Bio photonics and biomedical applications
* Coherence and statistical optics
* Diffraction and gratings
* Fiber optics, sensors and optical communications
* Fourier optics and signal processing
* Geometric optics
* Digital Holography
* Image processing, vision and artificial intelligence
* Imaging systems
* Instrumentation, measurement, and metrology
* Integrated optics
* Laser and laser optics
* Machine vision
* Materials Processing with Lasers
* Medical optics and biotechnology
* Microscopy
* Nano photonics and metamaterials
* Nonlinear optics
* Novel optical materials and 3D printing
* Optics in computing
* Optical data storage
* Optical design and fabrication
* Optical devices
* Optical micro and nano manipulation including optofluidics and microfluidics
* Optics at surfaces
* Optics and photonics in the industry
* Optoelectronics, Detectors and Sources
* Organic and hybrid optoelectronics
* Physical optics
* Quantum optics
* Remote sensing and sensors
* Scattering
* Spectroscopy
* Thin films
* THz, microwaves and millimeter-waves photonics
* Ultrafast optics
* Vision, color, and visual optics
* X-ray optics

The organizing committee invites you to participate in this exciting meeting. Please note the following deadlines:

* Submission of Abstracts: February 20 - May 20, 2019.
* Acceptance notification: May 31, 2019.
* Deadline for early-bird registration: August 1, 2019.

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A special edition with selected contributed papers will be published by Revista Mexicana de Física. (<https://rmf.smf.mx/ojs/rmf/index> ). This journal is indexed in different databases, including Sci. Cit. Ind.

Further information about RIAO-OPTILAS-MOPM 2019 is available at the conference web site:

<http://www.riao.org.mx/optilas_2019/>

Waiting for your abstract.

With best wishes,

Sincerely,

Organizing committee riao2019@cio.mx