



LAWOFS
LATIN AMERICAN WORKSHOP
ON OPTICAL FIBER SENSORS
2019

Latin American Workshop on Optical Fiber Sensors

17 – 19 July 2019 – Rio de Janeiro, Brazil

Presentation

The success attained by the 24th International Conference on Optical Fiber Sensors - OFS24, held in Curitiba from September 28th until the October 2nd, 2015, surfaced the strong interest of Latin America's and Brazilian scientific communities in the optical fiber sensors area. Following the trend, the Brazilian Society for Microwaves and Optoelectronics (SBMO) decided to organize the Latin American Workshop on Optical Fiber Sensors (LAWOFS).

LAWOFS will take place every three years, coinciding with the intervals of the OFS. The first edition, LAWOFS 2016 was co-located with MOMAG 2016 in Porto Alegre, Brazil.

The Workshop will have a structure focusing on interaction among participants, enabling debate on new concepts, technologies and applications of photonic sensing, allowing interaction between research groups from Brazil and Latin America, and enhancing future collaborations in R&D projects.

Scope and Topics

The workshop will focus on issues involving optical fiber sensors and other photonic technologies such as planar waveguides and integrated optics, development of interrogation techniques, design of new concepts, in addition to devices, theories and techniques used in sensors manufacturing. The main (non exclusive) topics accepted in LAWOFS are:

- Physical Sensors
- Electromagnetic Phenomena Sensors
- Chemical, Biological, Environmental and Biomedical sensors
- Polarimetry and Interferometry sensors
- Distributed Sensing
- Multiplexing and Sensor Networks
- Active and Passive Devices for Photonic Sensing
- Sensing with Special Optical Fibers & Waveguides
- Signal Processing for Sensing

- Smart Structures and Materials Sensing
- Systems Applications and Field Testing
- Terahertz Sensors and Devices

Venue

LAWOFS 2019 will take place at the "Centro Federal de Educação Tecnológica Celso Sukow da Fonseca", in July, 17th – 19th, 2019. Rio de Janeiro has convenient access by plane from within Brazil and abroad, the venue has easy access by public transportation (taxi, metro or bus) and there is a large number of hotels of all categories.

Submission and Registration

The LAWOFS 2019 submission and registration process will be displayed later; keep an eye on the SBMO website (www.sbmo.org.br) for further notice. Tentatively, we expect the following important dates:

Call For Papers:	Jan – Mar 2018
Paper Submission Deadline:	15 March 2019
Acceptance notification:	10 May 2019



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