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Editors

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Michael Willsch, Siemens AG (Germany)
- 3 Workshop on Fiber Optic Sensors for Oil and Gas Applications
Luiz Carlos Guedes Valente, Ouro Negro S.A. (Brazil)
Alexis Mendez, MCH Engineering LLC (United States)
- 4 Special Session: International Year of the Light and Light-based Technologies
Hypolito José Kalinowski, Universidade Tecnológica Federal do Paraná (Brazil)
- 5 Distributed Sensing
Marcelo A. Soto, École Polytechnique Fédérale de Lausanne (Switzerland)
Gabriele Bolognini, Consiglio Nazionale delle Ricerche (Italy)
- 6 Applications and Techniques
Tomasz R. Woliński, Warsaw University of Technology (Poland)
José M. López-Higuera, Universidad de Cantabria (Spain)
- 7 Sensors for Smart Structures
John Canning, The University of Sydney (Australia)
Steve Sanders, Honeywell Technology (United States)
- 8 Biological and Environmental Sensing
Andrea Cusano, Università degli Studi di Sannio (Italy)
Eduardo Fontana, Universidade Federal de Pernambuco (Brazil)

- 9 Poster Session I
Julian D. C. Jones, Heriot-Watt University (United Kingdom)
João Batista Rosolem, CpqD – Telecommunication Research and Development Center (Brazil) (Brazil)
- 10 New Sensing Concepts and Applications
Rogério Nogueira, Instituto de Telecomunicações - Aveiro (Portugal)
Marcos A. R. Franco, Instituto de Estudos Avançados (Brazil)
- 11 Multiplexed and Networked Sensors
Manuel López-Amo, Universidad Pública de Navarra (Spain)
Waclaw Urbanczyk, Wroclaw University of Technology (Poland)
- 12 Brillouin and Acoustic Sensing
Luc Thévenaz, École Polytechnique Fédéral de Lausanne (Switzerland)
Michel D. F. Digonnet, Stanford University (United States)
- 13 Sensing of Physical Parameters
José Luís Campos Oliveira Santos, Universidade do Porto (Portugal)
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Introduction



Since 1983, the International Conference on Optical Fibre Sensors (OFS) assumed the leadership role as a forum for reporting and discussing the latest progress in optical fibre sensors and, more recently, other photonic sensing techniques. The OFS series, held approximately every one and a half years in different venues across the world—rotating the host city between America, Asia and Europe—has established a tradition for providing professionals with a high-quality technical program accompanied by a friendly social schedule.

The 24th International Conference on Optical Fibre Sensors (OFS-24) takes place 28 September to 2 October 2015 at the Pestana Hotel & Convention Centre, Curitiba (Brazil). It is the first time that OFS travels to Brazil, and only the third edition organized in the southern hemisphere. As with previous editions, highly distinguished plenary speakers, workshop lecturers and invited speakers will present the most recent advances in the field. Technical sessions are comprised of both oral and poster presentations, providing an exciting environment for the discussion of recent achievements and applications. Partners from the industry and services will also display their latest products in the associated Technical Exhibition.

The Brazilian Society for Microwaves and Optoelectronics (SBMO) organized OFS-24 with the cooperation from the Research Group on Photonic Devices and Applications (DIFOTON) of the Federal University of Technology – Paraná (UTFPR). The organizers welcome all attendees.

Hypolito José Kalinowski
OFS-24 General Chair

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