

APOS 2016

The 6th Asia Pacific Optical Sensors Conference
Oct. 11-14, 2016 / Shanghai, China

CALL FOR PAPERS

Paper submission deadline
May 27, 2016

Welcome Message

Asia-Pacific Optical Sensors Conference (APOS) has been held every 18 months tracing back to 2008, and continues a series of conferences that are intended to provide a central forum for an update and review of technical information covering a wide range of optical sensing fields from fundamental researches to systems and applications. The conference is open to researchers and professionals from not only Asia-Pacific Rim area but also all regions of the world.

The 6th APOS (APOS 2016) will be co-organized by Shanghai Jiao Tong University and Yangtze Optical Fibre and Cable Joint Stock Limited Company (YOFC). It is jointly sponsored by OSA, SPIE, IEEE Photonics Society, Chinese optical society (COS) and Chinese Society for Optical Engineering (CSOE). The APOS 2016 will be held in Shanghai, China from October 11 to 14, 2016.

On behalf of the organizing committee of the APOS 2016, it is our great honor and pleasure to cordially invite you to the Conference, to share your most significant advances, and to take the chance of interacting in a mutually profitable relationship.

Welcome to APOS 2016, Shanghai !

Plenary Speeches



Prof. Hartmut Bartelt

Leibniz Institute of Photonic Technology,
Germany

Topic:

Technology and applications of fiber
Bragg grating sensors in Germany



Prof. Yanqing Lu

Nanjing University, China

Topic:

Liquid crystal for non-display photonic
applications



Prof. Kaoru Minoshima

University of Electro-Communications,
Japan

Topic:

Ultra-precision control of optical waves
by use of fiber-based frequency combs
and its application

Conference Chairs

General Chairs:

Prof. Zuyuan He (Shanghai Jiao Tong Univ., China)

Prof. Wei Jin (The Hong Kong Polytechnic Univ.,
Hong Kong, China)

Prof. Yunjiang Rao (Univ. of Electronic Science and
Technology of China, China)

Dr. Weijun Tong (Yangtze Optical Fibre and Cable
Joint Stock Limited Company (YOFC), China)

Technical Program Committee

Chairs:

Prof. Xinyu Fan (Shanghai Jiao Tong Univ., China)

Prof. Kentaro Nakamura (Tokyo Institute of Technology,
Japan)

Prof. John Canning (The Univ. of Sydney, Australia)

Local Organization Committee

Chairs:

Prof. Qingwen Liu (Shanghai Jiao Tong Univ., China)

Prof. Fufei Pang (Shanghai Univ., China)

Prof. Feng Wang (Nanjing Univ., China)

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Oct. 11-14, 2016



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Tracks and Chairs

Track 1: Physical sensing

Chair: Prof. Satoshi Tanaka, National Defense Academy of Japan, Japan

Track 2: Chemical and gas sensing

Chair: Prof. Yiping Wang, Shenzhen University, China

Track 3: Biological/Biomedical sensing and imaging

Chair: Prof. Baiou Guan, Jinan University, China

Track 4: Integrated technologies for sensing

Chair: Prof. Kevin Chen, Pittsburgh University, USA

Track 5: Specialty optical fibers for sensing

Chair: Prof. Yasufumi Enami, Hiroshima University, Japan

Track 6: Grating and component technologies for sensing

Chair: Prof. Young-Geun Han, Hanyang University, Korea

Track 7: Novel materials for sensing

Chair: Prof. Gang-Ding Peng, University of NSW, Australia

Track 8: Distributed, multiplexed and networked sensing

Chair: Prof. Tao Zhu, Chongqing University, China

Track 9: Industrial structural monitoring

Chair: Prof. Minghong Yang, Wuhan University of Technology, China

Invited Talks

- Prof. Yosuke Mizuno, Tokyo Institute of Technology, Japan
Title: Brillouin scattering in plastic optical fibers and its applications to high-speed distributed sensing
- Prof. Xuming Zhang, The Hong Kong Polytechnic University, Hong Kong, China
Title: Microfluidics for photochemical harvesting of solar energy
- Dr. Tae Joong Eom, Gwangju Institute of Science and Technology, Korea
Title: Real time optical imaging for biomedical informatics
- Dr. Ming-Jun Li, Corning Incorporation, USA
Title: Photonic component integration in multi-core flat fibers
- Prof. Hwa-Yaw Tam, The Hong Kong Polytechnic University, Hong Kong, China
Title: Specialty optical fibre sensors and their applications
- Prof. Yoshifumi Suzuki, Kagawa University, Japan
Title: Introduction of FBG sensors and their application to structural health monitoring
- Prof. Hai Xiao, Clemson University, USA
Title: Integration of functional nanomaterials with fiber devices for sensing applications
- Prof. Luc Thévenaz, Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland
Title: Future trends in distributed fiber sensing
- Prof. Tongyu Liu, Shandong Micro-Sensor Photonics Ltd., China
Title: Advances of fibre optic sensors for mining safety

Paper Submission

- Authors should submit their papers via the online submission system by May 27th, 2016. All contributed papers will be peer reviewed and rated by the technical program committee. The notification of acceptance or rejection will be announced in the middle of July, 2016.
- Students wishing to compete for the Best Student Paper Award should declare their student candidature during submission and also must give the presentation at the conference.

Contact Information

If you have any questions, please contact: info@apos2016.org
For more information, please visit the website:

<http://www.apos2016.org>



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