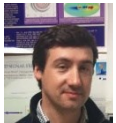


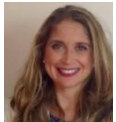
Colloquium organizers



Prof Zabih Ghassemlooy –
General Chair
Northumbria Univ., UK
z.ghassemlooy@northumbria.ac.uk



Dr Luis Nero Alves – **Tech-Chair**
Univ. of Aveiro
Portugal
nero@ua.pt



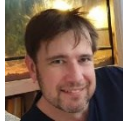
Prof Beatriz Ortega - **Tech -Chair**
Univ. Polytechnic of València
Spain
bortega@dcom.upv.es



Prof Wasiu O. Popoola – **Tech - Chair**
The Univ. of Edinburgh
UK
w.popoola@ed.ac.uk



Dr Joaquin Perez Soler – **Tech - Chair**
Univ. of Valencia, Spain
Joaquin.Perez-Soler@uv.es



Prof Stanislav Zvanovec –
Co-Chair
Czech Technical Univ. of
Prague, CR
xzvanove@fel.cvut.cz



Dr Mohammad-Ali Khalighi -
Tech -Chair
Institute Fresnel
France
Ali.Khalighi@Fresnel.fr



Prof Rafael Perez Jimenez –
Tech -Chair
Univ. of Las Palmas, Spain
rafael.perez@ulpgc.es



Dr Monica Figueiredo - **Tech - Chair**
Polytechnic of Leiria
Portugal
monica.figueiredo@ipleiria.pt



Prof Anh T Pham – **Co-Chair**
The Univ. of Aizu, Japan
pham@u-aizu.ac.jp



Prof Zhengyuan Xu -
Tech -Chair
Univ. of Science & Techn.
of China, China
xuzy@ustc.edu.cn



Prof Hoa Le-Minh -
Tech -Chair
Northumbria Unive., UK
hoa.le-minh@northumbria.ac.uk



Dr Muhammad Ijaz –
Tech -Chair
Manchester Metropolitan
Unive., UK
m.ijaz@mmu.ac.uk

The 10th biennial colloquium on optical wireless communications (OWC) is the longest running event that provides a forum for researchers, product and system engineers and systems developers to present and discuss their latest research results in the field of OWC.

Topics of primary interest include:

- **Indoor OWC** – Visible light and infrared communications, ultraviolet communication, Hybrid VLC/IR/WiFi; Optical camera communications (OCC); Visible light positioning
- **Outdoor and space OWC** - Advances in communication system design; Atmospheric effects on high-data-rate FSO links; Characterization and modelling of FSO links; Diversity schemes in FSO links; Terrestrial, near-earth and near space; Deep space and inter-satellite, optical LEO-downlinks; Design of flight- and space-worthy OWC; Hybrid RF/THz//FSO/OCC systems
 - Radio over fibre and FSO systems; and Multi-input-multi-output
- **Underwater OWC** - Channel modelling; Timing and synchronization; Interference mitigation and robust signal detection; Duplexing and multiple access; and Underwater networks; Water-to-air communications
- **Integrated technology** - Sensing and OWC; Localisation and OWC; Sensing, localization and OWC; and Intelligent OWC
- **Experiments, sub-system designs and components in OWC** - Optical components; Novel optical transceivers and architectures; Novel techniques for rapid target acquisition, beam pointing and tracking; Infield or laboratory experimental demonstration, testbeds, and performance characterizations
- **Applications of OWC** - OWC in 5/6G networks; Massive IoT; Industrial IoT; Ground-based vehicular communications; Low-altitude UAV networks; Integration of optical links in networking contexts (e.g., inter-UAV communications); Optical and RF wireless sensor networks; and Deep and machine learning
- **Others** - Quantum communications in OWC; Quantum key distribution over OWC; Deep and machine learning; and AI and machine learning in OWC

International Technical Program Committee

Dr Anna Maria Vegni - Roma Tre Univ., Italy
Prof Paulo André, Univ. of Aveiro, Portugal
Dr Gholamreza Baghersalimi, Gilan Univ., Iran
Prof Silvello Betti, Univ. Tor Vergata, Rome, Italy
Prof Manav Bhatnagar, Indian Institute of Technology, Delhi, India
Dr Julian Cheng, The Univ. of British Columbia, Canada
Prof Nan Chi, Fudan Univ., China
Prof Yeon Ho Chung, Pukyong National Univ., S. Korea
Prof Ngoc Dang, Vietnam P&T Inst. of Techn., Vietnam
Prof Izzat Darwazeh, Univ. College London, UK
Dr Panagiotis Diamantoulakis, Aristotle Univ. Thessaloniki, Greece

Prof Thomas D Little, Boston Univ., USA
Dr Valeria Loscri, Inria Lille - Nord Europe, France
Prof Paulo Monteiro, Univ. of Aveiro, Portugal
Dr Vuong Mai, Univ. of Bradford, UK
Dr Phuc Trinh, Univ. of Tokyo, Japan
Dr Hector E. Nistazakis, Univ. of Athens, Greece
Dr Thanh Pham, Shizuoka Univ., Japan
Dr Xiaodan Pang, KTH Royal Institute of Technology, Sweden
Dr Christina Politi, Univ. of Peloponnese, Greece
Dr Sujun Rajbhandari, Univ. Strathclyde, UK
Prof Henrique Salgado, Univ. of Porto, Portugal

Dr Goran T. Djordjevic, *University of Nis, Serbia*
 Dr Alexis Dowhuszko, *Aalto Univ., Finland*
 Dr Asghar Gholami, *Isfahan Univ. of Technology, Iran*
 Dr Dirk Giggenbach, *DLR, Munich, Germany*
 Prof Steve Hranilovic, *McMaster Univ., Canada*
 Prof Mircea Hulea, *Gheorghe Asachi Technical Univ. of Iasi, Romania*
 Dr Lucie Hudcova, *Brno Univ. of Technology, CR*
 Dr Vicente Matus Icaza, *Univ. of Las Palmas, Spain*
 Dr Thomas Kamalakis, *Harokopio Univ. of Athens, Greece*
 Prof Erich Leitgeb, *Technical Univ. Graz, Austria*
 Dr Latif Ladid, *Univ. of Luxembourg, Luxembourg*
 Prof George K. Karagiannidis, *Aristotle Univ. Thessaloniki, Greece*
 Dr Ioannis Krikidis, *University of Cyprus, Cyprus*

Prof Alexandre Pohl, *Univ. Tecnológica Federal do Paraná*
 Dr Ismael Soto, *Univ. of Santiago, Chile*
 Dr Shivani Teli, *Czech Technical Univ. of Prague, CR*
 Prof Hsin-Mu Tsai, *National Taiwan Univ., Taiwan*
 Dr Eszter G. Udvary, *Budapest Univ. of Tech & Econ, Hungary*
 Prof Murat Uysal, *New York University Abu Dhabi*
 Dr Kostas Yiannopoulos, *Univ. of Peloponnese, Greece*
 Dr Othman Isam Younus, *Northumbria Univ., UK*
 Prof Changyuan Yu, *Hong Kong Polytechnic Univ., China*
 Prof Min Zhang, *Beijing Post and Telecommun. Univ., China*
 Dr Xicong Li, *Northumbria Univ., UK*
 Dr Bangjiang Lin, *CAS, China*
 Dr Othman Younus, *Univ. of Cambridge, UK*

Submission Dates

• Full paper due: 15/01/2026 • Notification of acceptance: 15/04/2026 • Camera ready paper: 15/04/2026

Paper format and submission procedure are available at: <https://eng.ed.ac.uk/csndsp-2026>

For further information about this colloquium, please contact: **Prof. Z. Ghassemlooy**, z.ghassemlooy@northumbria.ac.uk

For general information about the CSNDSP'26, please contact: The Chair of LOC: **Prof. W. Popoola**, W.Popoola@ed.ac.uk