



The Sixth Workshop on Optical Wireless Communications

December 2015, San Diego, CA USA

First Call For Papers

The sixth Workshop on Optical Wireless Communications (OWC) will be held in conjunction with GLOBECOM 2015 in San Diego, CA, USA, December 2015. The workshop plans to focus on short to medium range optical wireless communications, from indoor to outdoor, from atmospheric to ground and underwater. Original research papers in (but NOT limited to) the following fields of research are solicited:

- Mobile-to-mobile OWC
- Vehicle-to-vehicle OWC
- Modeling of lighting in VLC design
- Modulation & coding for OWC
- MIMO OWC systems
- VLC transceiver design and optimization
- VLC multiple access techniques
- UVC channel modeling
- UVC system design perspectives
- Beam diverging and concentration
- New aspect of IRC and applications
- Modeling of noises in OWC
- Free-space optical communications
- Underwater OWC system design
- LED pointing, acquisition, and tracking
- Navigation and sensor networks by LEDs
- OWC for 5G wireless networks
- Scintillation mitigation techniques
- Optical wireless sensor networks
- Mobility, tracking, and steering of OWC

Authors wishing to have papers considered for the workshop should electronically submit their full papers (maximum six pages) in PDF format through EDAS (<http://edas.info/N20653>) using the standard IEEE two-column format. Accepted papers will be published on IEEE Xplore website and in the proceedings of the workshop.

Key dates:

Submission due: **July 15, 2015**

Decision notification: September 1, 2015

Camera-ready and registration due: October 1, 2015

For more information, please visit <http://owcworkshop.ok.ubc.ca> Workshop inquiries can be addressed to one of the workshop organizers

Dr. Shlomi Arnon

Ben-Gurion University of the Negev, Israel

Email: shlomi@ee.bgu.ac.il

Dr. Yeong Min Jang

Kookmin University, Korea

Email: yjang@kookmin.ac.kr

Dr. Julian Cheng

University of British Columbia

Email: julian.cheng@ubc.ca

Dr. Murat Uysal

Ozyegin University, Turkey

Email: murat.uysal@ozyegin.edu.tr