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The 7th colloquium on optical wireless communications (OWC), one of the largest event, provides a forum for researchers, product and system engineers and systems developers to present and discuss their latest research results in OWC. Papers are solicited on, but are not limited to, the following topics:

- **VLC and Indoor OWC**
 - Visible light communications: techniques and advancements
 - OWC in indoor environments
 - OWC for IoT
 - Optical camera communications
- **FSO, Outdoor and Space OWC**
 - Characterization and modeling of FSO links
 - Advances in communication system design for optical wireless links
 - Atmospheric effects on high-data-rate FSO links
 - Diversity schemes in FSO links
 - Deep space and inter-satellite optical links, optical LEO-downlinks
 - Design of flight- and space-worthy optical communications
 - Energy efficiency of OWC links
 - Hybrid RF/FSO systems
 - Radio over fibre and FSO systems
 - Multi-input-multi-output techniques in OWC systems
- **Applications of OWC**
 - OWC in 5G networks and beyond
 - Vehicular OWC
 - Deep learning in OWC
 - Integration of optical links in networking contexts (e.g. inter-UAV communications)
- **Experiments, sub-system designs and components in OWC**
 - Optical components for OWC systems
 - Novel optical transceivers and architectures to improve link reliability
 - Novel techniques for rapid target acquisition, beam pointing and tracking
 - Infield or laboratory experimental demonstration, test, and performance characterizations for FSO links
- **Other novel OWC systems**
 - Long wavelength FSO communications
 - Underwater OWC systems
 - Optical wireless sensor networks
 - Quantum Communications in OWC

Submission Dates

- Full paper due: 16/02/2020
- Notification of acceptance: 31/03/2020
- Camera ready paper: 31/05/2020

Paper format and submission procedure are available at <https://csndsp2020.av.it.pt/>

For further information about this colloquium, please contact: Prof A T Pham and Prof S Zvanovec
For general information about the CSNDSP20, please contact: csndsp2020-general@av.it.pt