### W12: OWC'24 for 6G Workshop - Session 1 (9:00 - 10:30)

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| 9:00 - 9:30 | **Keynote Speaker:** Dr. Toshimasa Umezawa (National Institute of Information and Communications Technology (NICT), Japan)  
**Title:** High-Speed Photonic Device Technology in Mobile FSO Transceiver |
| 9:30 - 9:45 | **Paper 1:** Harvested Energy Evaluation of Free-Space Optics RIS-Assisted Ground-HAP-UAV System over Composite Channels  
Hoa T. Le, Thang V. Nguyen, Hien T. T. Pham, and Ngoc T. Dang (Posts and Telecommunications Institute of Technology, Vietnam) |
| 9:45 - 10:00 | **Paper 2:** Few-Mode Fiber-Coupled Indoor Optical Wireless Communication in the Presence of Misalignment  
Jinzhe Che, Shenjie Huang, and Majid Safari (The University of Edinburgh, UK) |
| 10:00 - 10:15 | **Paper 3:** Relay-Assisted UOWC-FSO System under Pointing Errors  
Hao Wang, Chedlia Ben Naila, Hiraku Okada, and Masaaki Katayama (Nagoya University, Japan) |
| 10:15 - 10:30 | **Paper 4:** Update Rate and Dimension Requirements for Reconfigurable Mirror Arrays in Vehicular Visible Light Communication  
Matthias Rub, Jens Gruber, Christoph Lipps (German Research Center for Artificial Intelligence, Germany), and Hans Dieter Schotten (Institute for Wireless Communication and Navigation, Germany) |
| 10:30 - 11:00 | **Coffee Break** |

### W12: OWC'24 for 6G Workshop - Session 2 (11:00 - 12:30)

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<th>Event</th>
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| 11:00 - 11:30 | **Keynote Speaker:** Prof. Nan Chi (Fudan University, China)  
**Title:** Intelligent New Spectrum Communication for 6G |
| 11:30 - 11:45 | **Paper 5:** Tracking an LED transmitter by a photodiode receiver using object detection with a rolling shutter camera  
Shota Araki, Yudai Imagawa, Hiroto Uchida, Wataru Chujo, and Kentaro Kobayashi (Meijo University, Japan) |
| 11:45 - 12:00 | **Paper 6:** A Prospect of Novel Devices for Visible Light Communication in Future 6G Networks Applications  
Xiaoqian Wang, Chuan Yang, Maoyun Chen (China Mobile Research Institute, China), Chaowen Guan, Lulu Zha, Zhan Lu, Zhiteng Luo (Fudan University, China), Liang Xia, Hongjun He, Guangyi Liu (China Mobile Research Institute, China), Nan Chi, and Chao Shen (Fudan University, China) |
| 12:00 - 12:30 | **Keynote Speaker:** Dr. Abdellah Chehri (Royal Military College of Canada, Canada)  
**Title:** Machine Learning Techniques and Optical Wireless Communications: A Case Study |
| 12:30 - 14:00 | **Lunch** |

### W12: OWC'24 for 6G Workshop - Session 3 (14:00 - 15:30)

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<th>Event</th>
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| 14:00 - 14:30 | **Keynote:** Prof. Chi Wai Chow (National Yang Ming Chiao Tung University, Taiwan)  
**Title:** Role of Optical Wireless Communication (OWC) for 6G and Space Communication |
| 14:30 - 14:45 | **Paper 7:** Resource Allocation for Cooperative Transmission in Multi-tier VLC Networks with M-QAM and Clipping Distortion  
Yiming Zhou, Nuo Huang, and Zhengyuan Xu (University of Science and Technology of China, China) |
| 14:45 - 15:00 | **Paper 8:** On the Design of Wide FoV Angle Diversity Receivers for Vehicle-to-Vehicle VLC  
Alejandro Lopez Barrios, Maximo Morales-Cespedes (Universidad Carlos III de Madrid, Spain) |
| 15:00 - 15:15 | **Paper 9:** Enhancing Throughput of Optical Wireless Communication by Multi-Branch Dual-stage Cascode Receiver  
Xiaochen Liu (Eindhoven University of Technology, Netherlands), Jean-Paul M. G. Linnartz (Signify Research, Netherlands), and Aleksandar Sevo (Signify Research, Netherlands) |
| 15:15 - 15:25 | **Wrap up** |