

Session Title:	[We2H] Photonic Integrated Circuit for Microwave Photocis
Session Date:	August 7 (Wed.), 2024
Session Time:	10:45-12:15
Session Room:	Room H (117)
Session Chairs	Prof. Benjamin J. Eggleton (Univ. of Sydney, Australia)

[We2H-1] [Invited] 10:45-11:15

Evolution of Photonics Integrated Circuits for Microwave Photonics Applications

Jianping Yao (Univ. of Ottawa, Canada)

[We2H-2] 11:15-11:30

Integrated Photonics True-time Delay Signal Processor

Pablo Martínez-Carrasco (Universitat Politecnica de Valencia, Spain), Tan Huy (Huawei Technologies Canada Co., Ltd., Canada), and José Capmany (Universitat Politecnica de Valencia, Spain)

[We2H-3] 11:30-11:45

On-chip Passband-switchable and Frequency-tunable Multiband Microwave Photonic Filter

Yuwen Xu, Bin Wang, and Weifeng Zhang (Beijing Inst. of Tech., China)

[We2H-4] 11:45-12:00

High-Sensitivity and High-Resolution Microwave Photonic Radar Based on Optical Coherent Receiving

Linfeng Du, Bin Wang, and Weifeng Zhang (Beijing Inst. of Tech., China)

[We2H-5] 12:00-12:15

Flat-top Beam Shaping for Long-distance Optical Wireless Power Transmission

Natsuha Ochiai, Yohei Toriumi, Yukiko Suzuki, Kazuto Kashiwakura, and Toru Tanaka (NTT Space Environment and Energy Laboratories, Japan)