

Session Title:	[Mo3F] Signal Processing based on Microwave Photonics
Session Date:	August 5 (Mon.), 2024
Session Time:	15:15-16:45
Session Room:	Room F (115)
Session Chair(s)	Prof. Sang-Rok Moon (ETRI, Korea)

[Mo3F-1] [Invited] 15:15-15:45

Microwave Photonic Signal Processing Using a Quantum Dash Optical Frequency Comb Source

Lawrence R. Chen (McGill Univ., Canada)

[Mo3F-2] 15:45-16:00

High-performance Wide-band RF Photonic Channelized Receiver

Chenyuan Li, Guchang Chen (Beijing Univ. of Posts and Telecommunications, China), Xiangzhi Xie (City Univ. of Hong Kong, Hong Kong S.A.R), Feifei Yin, Kun Xu, and Yitang Dai (Beijing Univ. of Posts and Telecommunications, China)

[Mo3F-3] 16:00-16:15

Optical Transfer Delay Change Monitoring based on a Sub-femtosecond-resolution Photonic Subsampling Phase Shift Discriminator

Xiaohu Tang, Kunlin Shao, Yamei Zhang, and Shilong Pan (Nanjing Univ. of Aeronautics and Astronautics, China)

[Mo3F-4] [Invited] 16:15-16:45

Brillouin Scattering-based Integrated Microwave Photonics

Benjamin J. Eggleton (The Univ. of Sydney, Australia)