

Room C (Grand Ballroom 3), 2F

Chair: Seung-Hyun Cho (ETRI)

We1C

July 1 (Wed), 2026

Converged Fiber-Wireless & RoF Systems

08:30-10:00

We1C-1

08:30-08:45

Comparison of Sigma-Delta and Analog Radio over Fiber for Next Generation FTTR

Sophie Thiele¹, Christian Bluemm², Stefano Calabrò², Stephan Pachnicke¹

¹Kiel University, ²Huawei Technologies Duesseldorf GmbH

We1C-2

08:45-09:00

Low-Cost Intensity Modulator Integrating 1.05 Tb/s CPRI-Equivalent Rate 1024-QAM RoF and 200-Gb/s PON for Fixed-Mobile Access Network

Yixiao Zhu¹, Yutong Pan², Tianhong Zhang², Xiang Cai², Jingchi Li¹, Fan Zhang², Weisheng Hu¹

¹Shanghai Jiao Tong University, ²Peking University

We1C-3

Invited

09:00-09:30

Optical-Wireless Cooperative Control for Future Radio Access Network

Kenji Miyamoto

NTT Access Network Service Systems Laboratories

We1C-4

Invited

09:30-10:00

Scaling LLM Fine-Tuning in Radio Access Network Deployment

Emilio Paolini

Sant'Anna School of Advanced Studies