

Room B (Grand Ballroom 2), 2F

Chair: Huioon Kim (KOPTI)

Tu2B

June 30 (Tue), 2026

ROF & Signal Processing

10:15-11:45

Tu2B-1 Invited 10:15-10:45

Integrated Radio-over-Fiber for the Latest Applications Requests

Paolo Ghelfi¹, Filippo Scotti¹, Luca Rinaldi¹, Antonella Bogoni²

¹CNIT, ²Scuola Superiore Sant'Anna

Tu2B-2 Invited 10:45-11:15

Compact FPGAs Catalyzing Innovation in Optical Fiber Sensing and FMCW LiDAR

Sanghoon Chin, Séverine Denis, Jannis Holzer

Centre Suisse d'Electronique et Microtechnique SA (CSEM)

Tu2B-3 11:15-11:30

20-GHz Bandwidth Optical STFT with 160-MHz Resolution Using Cascaded Combs

Xue Lan¹, Haoyan Xu¹, Shilong Chen¹, Kun Xu¹, Ming Li^{2,3}, Yitang Dai¹

¹Beijing University of Posts and Telecommunications, ²Chinese Academy of Sciences, ³University of Chinese Academy of Sciences

Tu2B-4 11:30-11:45

Hilbert Transform, a Mathematical Tool for Multi-Parametric Interferometric Signal Demodulation

J. Esquivel-Hernandez¹, María de los Ángeles Martínez-Guerrero¹, R. Martínez-Manuel¹, L. Valentín-Coronado^{1,2}, D. Maldonado-Hurtado³, D. Barrera³, S. Sales³

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