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| Session Title | Photonic Signal Processing 1 | Session Code | 3A2 |
| Date and Time | July 3 (Tue.) / 16:00-17:30 (90') | | |
| Place | Room A | | |
| Session Chair | Xianbin Yu (Zhejiang Univ.) | | |

3A2-1 (Invited)

16:00-16:30 (30')

Ultra-High Resolution Real-Time Radar Imaging based on Microwave Photonics

Shilong Pan and Fangzheng Zhang
Nanjing Univ. of Aeronautics and Astronautics, China

3A2-2 (Invited)

16:30-17:00 (30')

Software-Defined Microwave Photonic Filter with High Reconfigurable Resolution

Lilin Yi¹, Wei Wei¹, Yves Jaouen², and Weisheng Hu¹
¹Shanghai Jiao Tong Univ., China, ²Université Paris Saclay, France

3A2-3

17:00-17:15 (15')

Suppression of Laser Frequency Noise Induced Phase Noise in Brillouin Optoelectronic Oscillator

Huanfa Peng, Rui Guo, Huayang Du, Yongchi Xu, Jingbiao Chen, and Zhangyuan Chen
Peking Univ., China

3A2-4

17:15-17:30 (15')

Polarization-Division Multiplexing based Multifunction Lidar System

Kai Chen, Hongxiang Zhang, Zhongyang Xu, and Shilong Pan
Nanjing Univ. of Aeronautics and Astronautics, China