



April 24-28, 2017 / Maison Glad Hotel, Jeju, Korea

Convention Hall (1F)

Session Title: [We-VI] Novel Concepts for Photonic Sensing
Date and Time: April 26, 2017 (Wednesday), 14:15-15:20
Session Chairs: Pedro Alberto da Silva Jorge (INESC, Portugal)
Minho Song (Chonbuk National University, Korea)

[We-VI1] 14:15-14:40 (Paper No. 10323-577)

[Invited] Towards Ultra-Long-Distance Distributed Fiber-Optic Sensing

Zinan Wang¹, Xinhong Jia^{1,2}, Huijuan Wu¹, Fei Peng¹, Yun Fu¹, and Yunjiang Rao¹

¹University of Electronic Science and Technology of China (UESTC), China, ²Sichuan Normal University, China

[We-VI2] 14:40-15:05 (Paper No. 10323-579)

[Invited] Integration of Fiber-Tip Cavities in Single-Ion Traps for Quantum Sensing

Peter Horak¹, Nina Podoliak¹, Hiroki Takahashi², and Matthias Keller²

¹University of Southampton, UK, ²University of Sussex, UK

[We-VI3] 15:05-15:17 (Paper No. 10323-262)

Coherent Pound-Drever-Hall Technique for High Resolution Fiber-Optic Strain Sensor at Very Low Light Power

Mengxin Wu, Qingwen Liu, Jiageng Chen, and Zuyuan He

Shanghai Jiao Tong University, China