

Session Title: [Tu-I] Distributed and Multiplexed Sensors
Date and Time: April 25, 2017 (Tuesday), 11:00-12:15
Session Chairs: Manuel Lopez-Amo (Universidad Publica de Navarra, Spain)
Yosuke Mizuno (Tokyo Institute of Technology, Japan)

[Tu-I1] 11:00-11:25 (Paper No. 10323-565)

[Invited] Chirped-Pulse Phase-Sensitive Reflectometry – Hearing behind the Walls with High Fidelity

M. Gonzalez-Herraez¹, J. Pastor-Graells¹, A. García-Ruiz¹, M. R. Fernández-Ruiz¹, H. F. Martins², and S. Martin-Lopez¹

¹Universidad de Alcalá, Spain, ²FOCUS SL, Spain

[Tu-I2] 11:25-11:50 (Paper No. 10323-570)

[Invited] Numerical Modelling of Distributed Vibration Sensor based on Phase-Sensitive OTDR

A. Masoudi and T. P. Newson

University of Southampton, UK

[Tu-I3] 11:50-12:02 (Paper No. 10323-31)

Distributed Acoustic Sensing System based on Continuous Wide-Band Ultra-Weak Fiber Bragg Grating Array

Jianguan Tang, Liang Li, Huiyong Guo, Haihu Yu, Hongqiao Wen, and Minghong Yang

Wuhan University of Technology, China

[Tu-I4] 12:02-12:14 (Paper No. 10323-343)

Simplified and Fast Acquirable BOTDA with Frequency-Swept Probe Pulse

Chihiro Kito, Hiroshi Takahashi, Kunihiro Toge, and Tetsuya Manabe

NTT Access Network Service Systems Laboratories, Japan