

Session Title	Optical Wireless Access	Session Code	4A4
Date and Time	July 4 (Wed.) / 16:00-17:30 (90')		
Place	Room A		
Session Chair	Gee-Kung Chang (Georgia Institute of Technology)		

4A4-1 (Invited)

16:00-16:30 (30')

High-Speed Optical Wireless Communications for Local Area Networks

Ampalavanapillai Nirmalathas¹, Tian Liang¹, Sampath Edirisinghe¹, Christina Lim¹, Elaine Wong¹, Ke Wang², and Kamal Alameh³

¹The Univ. of Melbourne, Australia, ²RMIT Univ., Australia, ³Edith Cowan Univ., Australia

4A4-2

16:30-16:45 (15')

Over 1-km Power-over-Fiber using a Double-Clad Fiber for Bidirectional RoF Systems

Nana Tajima, Akira Yoneyama, Daisuke Kamiyama, and Motoharu Matsuura
The Univ. Electro-Communications, Japan

4A4-3

16:45-17:00 (15')

A Protection Scheme for Central Offices in Radio-on-Fiber Cloud Radio Access Networks

Qianmei Yang and Chun-Kit Chan
The Chinese Univ. of Hong Kong, China

4A4-4

17:00-17:15 (15')

On the Performance of Probabilistically-Shaped CAP over Optical Wireless Communications

Yang Hong^{1,2}, Tingting Song², Yingjie Shao¹, Lian-Kuan Chen¹, Christina Lim², Ka-Lun Lee², Ampalavanapillai Nirmalathas², and Elaine Wong²

¹The Chinese Univ. of Hong Kong, China, ²The Univ. of Melbourne, Australia

4A4-5

17:15-17:30 (15')

Modulation Recognition and Nonlinearity Resistance of RoF System based on Clustering Algorithm

Di Zhang, Yao Ye, Deming Liu, Minming Zhang, Jiang Tang, Kun He, and Shu Wang
Huazhong Univ. of Sci. & Tech., China