



Session Title	Optical Access for 5G 2	Session Code	5A4
Date and Time	July 5 (Thu.) / 16:00-17:30 (90')		
Place	Room A		
Session Chair	TBA		

5A4-1 (Invited)

16:00-16:30 (30')

Grand Challenges of Fiber Wireless Convergence for 5G Mobile Data Communications

Gee-Kung Chang¹ and Peng-Chun Peng²

¹Georgia Inst. of Tech., USA, ²Nat'l Taipei Univ. of Tech., Taiwan

5A4-2

16:30-16:45 (15')

Service-Aware Network Slicing Supporting Delay-Sensitive Services for 5G Fronthaul

Lin Zhang¹, Min Zhang¹, Chuang Song¹, Luyao Guan¹, Danshi Wang¹, Shanyi Guo¹, Wei Liu¹, Yueying Zhan², Shaojun Wu², and Jianhua He²

¹Beijing Univ. of Posts and Telecommunications, China, ²Chinese Academy of Sci., China

5A4-3

16:45-17:00 (15')

Demonstration of Remote Management and Control in WDM-PON System for 5G Fronthaul

Kyosuke Sone, Goji Nakagawa, Yoshio Hirose, and Takeshi Hoshida
Fujitsu Ltd., Japan

5A4-4

17:00-17:15 (15')

Polarization-Insensitive DDO-MMW-OFDM Modulation for a 5G Mobile Fronthaul Uplink

Jih-Heng Yan, Sheng-Yang Lin, Hsu-Hung Hunag, and Kai-Ming Feng
Nat'l Tsing Hua Univ., Taiwan

5A4-5

17:15-17:30 (15')

Experimental Demonstration of Traffic-Aware Load Balancing for Fronthaul Network

Luyao Guan¹, Min Zhang¹, Chuang Song¹, Lin Zhang¹, Danshi Wang¹, Qing Li¹, Wei Liu¹, Yueying Zhan², Suzhi Cao², and Shaojun Wu²

¹Beijing Univ. of Posts and Telecommunications, China, ²Chinese Academy of Sci., China