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**Session Title:** [TA2] Next Generation Access Architecture & Trial

**Date:** August 28, 2014 (Thu.)

**Time:** 15:15-17:15

**Room** Room A

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**TA2-1**

**15:15-15:45**

**[Invited] Towards Green NG-PON2 Systems**

Rui Wang (Google, U.S.A.), Partha Bhaumik (University of California, Davis, U.S.A.), Hanhyub Lee, Sangsoo Lee (ETRI, Korea), and Biswanath Mukherjee (University of California, Davis, U.S.A.)

**TA2-2**

**15:45-16:00**

**A Novel TWDM-PON Architecture with Control Channel**

Chengjun Li, Wei Guo, Wei Wang, and Weisheng Hu (State Key Laboratory of Advanced Optical Communication Systems and Networks, Shanghai Jiaotong University, China)

**TA2-3**

**16:00-16:15**

**Real World Single Fiber Single Wavelength Transceivers with Integral Micro-OTDR and Reflection Immune Operation**

Meir Bartur (Optical Zonu Corporation, U.S.A.), Ken Rhie (Post Info Systems, Korea), Josef Berger, and Michael J. Hartmann (Optical Zonu Corporation, U.S.A.)

**TA2-4**

**16:15-16:30**

**Investigation of ONU Power Leveling Method for Mitigating Inter-Channel Crosstalk in TWDM-PONs**

Han Hyub Lee, Jong Hyun Lee, Sangsoo Lee (ETRI, Korea), Hee Yeal Rhy (Ericsson-LG, Korea), Hark Yoo (ETRI, Korea), and Yoonkoo Kwon (Lightron, Korea)

**TA2-5**

**16:30-16:45**

**ONU Transmit Power Levelling for TWDM-PONs**

Hark Yoo, Young Sun Kim, Dong Soo Lee, and Han Hyub Lee (ETRI, Korea)

**TA2-6**

**16:45-17:15**

**[Invited] TBD**