

Session Title [TuA1] NGN Future Internet

Session Chairs Heechang Chung (NIA, Korea), Ved P. Kafle (NICT, Japan)

Date July 13, 2010 (Tuesday)

Time 09:00-10:30

TuA1-1 09:00-09:30 **[Invited] Breaking the 40 Gbps Performance Wall with GPU-accelerated Software Router**

Sangjin Han, Keon Jang, KyoungSoo Park, and Sue Moon (KAIST, Korea)

TuA1-2 09:30-10:00 **[Invited] Highly Manageable Network and Service Architecture for Future Internet**

Taesang Choi (ETRI, Korea)

TuA1-3 10:00-10:15 **Incorporating Optical Private Network in Network Virtualization for Emerging Network Services**

Sugang Xu, Hiroaki Harai, Hideki Otsuki (NICT, Japan), and Akihiro Nakao (The Univ. of Tokyo and NICT, Japan)

TuA1-4 10:15-10:30 **Prototyping a Data Plane Virtualization with Network Processor**

Saehoon Kang and Wangbong Lee (ETRI, Korea)