
Room B (Lotus Hall 2)

Session Title [WeB1] Energy-Aware Networking

Session Chair June-Koo Kevin Rhee (KAIST, Korea)

Date July 14, 2010 (Wednesday)

Time 09:00-10:45

WeB1-1 09:00-09:30 **[Invited] MiDORi: Energy Efficient Network Based on Optimizing Network Design Tool, Remote Protocol and New Layer-2 Switch**

Naoaki Yamanaka, Hidetoshi Takeshita, Satoru Okamoto, and Shan Gao (Keio Univ., Japan)

WeB1-2 09:30-09:45 **Analysis of Energy Consumption in Packet Burst Switching Networks**

Yoontae Kim, Chankyun Lee, and June-Koo Kevin Rhee (KAIST, Korea)

WeB1-3 09:45-10:00 **Localized Adaptation for Energy-Aware Packet Transportation in WDM Networks**

Xin Wan and Xiaoping Zheng (Tsinghua Univ., China)

WeB1-4 10:00-10:15 **Optical Fast Circuit Switching Networks Applying Waveband Grooming**

Takahiro Ogawa, Yoshiyuki Yamada, Hiroshi Hasegawa, and Ken-ichi Sato (Nagoya Univ., Japan)

WeB1-5 10:15-10:30 **A Distributed Protocol to Reduce Blocking for Short Flows in Optical Flow Switching Networks**

Zhengfeng Qian, Kwok Shing Ho (The Chinese Univ. of Hong Kong, China), Anshi Xu (Peking Univ., China), and Kwok Wai Cheung (Chinese Univ. of Hong Kong, China)

WeB1-6 10:30-10:45 **Impact on Burst Size in OBS Network with Adaptive Link Rate**

Jea-Young Lee, Won-Hyuk Yang, Dong-Ki Kang, Fei Tong, Rong Xie, and Young-Chon Kim (Chonbuk Nat'l Univ., Korea)