# 2015 10th Asia-Pacific Symposium on Information and Telecommunication Technologies

# (APSITT 2015)

## Colombo, Sri Lanka
## 4-7 August 2015

# Selected Sessions

## Selected Session 1　Wireless (1)

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Satoshi Takahashi (Hiroshima City University, Japan)

SS-1-2: "A Novel Time Synchronization Scheme for OFDM Systems Based on Variational Pseudo-Noise Preamble"....4
Wenjian Wang, Chang-Jun Ahn (Chiba University, Japan)

SS-1-3: "A Power-Aware Reliable Routing Algorithm for Wireless Sensor Networks"....7
Nuwan Balasuriya (The Open University of Sri Lanka & University of Moratuwa, Sri Lanka)

SS-1-4: "Ad hoc routing protocol by taking the communication quality into account between adjacent links"....10
Shinya Ishikawa (Graduate School of Information Environment, Tokyo Denki University, Japan)

SS-1-5: "Proposed Multi-channel Ad-hoc Network with Cross-layer Design of MAC and Routing Protocols"....13
Toshinori Tsuboi (Tokyo University of Technology, Japan); Hiromi Ueda (Tokyo Univeisity of Technology, Japan); Takao Ito, Cyoumou Hitsu (Tokyo University of Technology, Japan)

## Selected Session 2　Network Security and Management

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Kazunori Kamiya (NTT Secure Platform Laboratories, Japan); Kazufumi Aoki (NTT & Information Sharing Platform Laboratories, Japan); Kensuke Nakata, Toru Sato, Hiroshi Kurakami, Masaki Tanikawa (NTT Secure Platform Laboratories, Japan)

Shuichi Nawata (KDDI R&D Laboratories, Japan); Hideyuki Koto (KDDI R&D Laboratories, Inc., Japan); Shigehiro Ano (KDDI R&D Laboratories, Japan)


## Selected Session 3　Optical Network

Masahiro Nakagawa, Kyota Hattori (NTT, Japan); Toshiya Matsuda (NTT, Japan); Masaru Katayama (NTT Network Service Systems Labs, Japan); Katsutoshi Koda (NTT, Japan)

Hiromi Ueda (Tokyo Univeisity of Technology, Japan); Toshinori Tsuboi (Tokyo University of Technology, Japan)

Yusuke Hirota, Yoshihiko Hatada (Osaka University, Japan); Hideki Tode (Osaka Prefecture University, Japan); Takashi Watanabe (Osaka University, Japan)

Isamu Wakabayashi, Yuki Fukushima, Takayuki Kawahara (Tokyo University of Science, Japan)

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