List of Publications

June 29 2015

Takaya Miyazawa
National Institute of Information and Communications Technology (NICT)

Journal Papers


7. Koki Ohba, Tatsuma Hirano, Takaya Miyazawa and Iwao Sasase, "A Symbol Decision Scheme to Mitigate Both Effects of Scintillations and MAIs in Optical Atmospheric PPM-CDMA


**International Conference Papers**


19. Takaya Miyazawa, "Researches and Developments on New Generation Network in AKARI Architecture Design Project," 2010 International Conference on Advanced Intelligence and Awareness Internet (AiAi2010), Beijing, China, October 2010. (To be presented) (Invited)


22. Takaya Miyazawa, Hideaki Furukawa, Kenji Fujikawa, Naoya Wada, Hiroaki Harai, "Implementation of Autonomous Distributed Resource Adjustment Control for Optical Packet


34. Takaya Miyazawa, Hideaki Furukawa, Naoya Wada, Hiroaki Harai, "Development of a Common Path Control-Plane for Interoperating Hybrid Optical Packet- and Circuit-Switched Ring Networks and WSONs," The 18th Optoelectronics and Communications Conference / Photonics in Switching (OECC/PS) 2013, TuQ4-2, Kyoto, Japan, June/July 2013.

35. Hideaki Furukawa, Takaya Miyazawa, Naoya Wada, Hiroaki Harai, "Internet Access Demonstration Using Optical Packet Switching Network with 89 km Field Transmission of 100 Gbps Optical Packet," The 18th Optoelectronics and Communications Conference / Photonics in Switching (OECC/PS) 2013, TuQ4-3, Kyoto, Japan, June/July 2013.


40. Norberto Amaya, S. Yan, Mayur Channegowda, B. R. Rofoee, Y. Shu, Mehdi Rashidi, Y. Ou, Georgios Zervas, Reza Nejabati, Dimitra Simeonidou, Benjamin J. Puttnam, Werner Klaus, Jun


47. Naoya Wada, Hideaki Furukawa, Takaya Miyazawa, Hiroaki Harai, "Optical packet and circuit integrated ring network with wavelength resources boundary control," 16th International Conference on Transparent Optical Networks (ICTON) 2014, Workshop on All-Optical Routing (WAOR), Graz, Austria, July 2014.

48. Xiaoyuan Cao, Noboru Yoshikane, Takehiro Tsuritani, Itsuro Morita, Takaya Miyazawa, Naoya Wada, "Openflow-controlled Optical Packet Switching Network with Advanced Handling of Network Dynamics," European Conference and Exhibition on Optical Communication (ECOC2014), Th.2.2.4, Cannes, France, September 2014.

49. Xiaoyuan Cao, Noboru Yoshikane, Takehiro Tsuritani, Teppei Yamaguchi, Takehito Sato, Satoru Okamoto, Takaya Miyazawa, Hiroaki Harai, "SDN/OpenFlow-based Unified Control of 100


**Domestic Conference Papers**


37. Takaya Miyazawa, Hideaki Furukawa, Naoya Wada, Hiroaki Harai, “Autonomous Distributed Resource Allocations Using Time-Series Data of Wavelength Usage for Optical Packet and


44. Takahiro Hirayama, Takaya Miyazawa, Hiroaki Harai, “---”, 2015 academic conference of IEICE, March 2015.


**Other**


2. Takaya Miyazawa, “Great Experiences in the COE, and Current Research Activities”, Special Lecture in the Keio University Global COE (Center of Excellence) for the High-Level global
cooperation for leading-edge platform on access spaces, December-22 2008.


