CALL FOR PARTICIPATION

The 11th Conference on IP + Optical Network (iPOP2015)

Exhibition and Conference
Naha Okinawa, Japan, April 20-22, 2015
http://www.pilab.jp/ipop2015/

Sponsored by PIL (Photonic Internet Lab), ISOCORE and OOL (Okinawa Open Lab.), and supported by PIF (Photonic Internet Forum), Kei-han-na Consortium, and SCAT.

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**Naoaki Yamanaka,
Keio University, Japan**

**Bijan Jabbari,
ISOCORE, USA**

WELCOME REMARKS

This year's iPOP International Conference marks its 11th anniversary. This annual event which has been sponsored by Photonic Internet Labs (PIL) and ISOCORE since its inception, will take place at the Okinawa Jichikaikan, Okinawa, Japan, April 20－22, 2015. This is an exception to previous years which were held in Tokyo area. While the topics of the conference are moving from photonic networks or GMPLS to NFV or SDN, the key focus is still on reliable, manageable, flexible and cost effective carrier and/or service provider networks. Okinawa is becoming the center for SDN and OpenFlow research in Japan and iPOP this year is hosted by the Okinawa Open Lab.

The iPOP 2015 Conference addresses important topics and issues related to SDN (software defined network). The main target here is the SDN for Carrier networks. This is very much different from the data center networks, as high reliability, monitoring capability for their operation will be required. To this end, we will have a demonstration with multiple research and interoperability sites including Okinawa Open Lab and ISOCORE. This is the world first demonstration for multi-carrier SDN networking globally. This technology has the potential to be deployed in inter-datacenter network and also future contents centric and/or IoT/M2M network. There will be interesting discussion on the future capability of SDN and NFV. The technical program committee has put together an exciting program consisting of technical sessions with emphasis on presentations on ASON (Automatically Switched Optical Network), WSON (Wavelength Switched Optical Network), PCE (Path Computation Element) and its applications, and Packet Transport over Optical. Finally do not miss Okinawa Open Lab's tour which is world class research labs demonstrated with ISOCORE USA during this event.

In addition to the main presentation and discussion topics above, this year, we expect to discuss multi-area networks and multi-technology operation incorporating optical paths in the showcase and booth demonstrations. There will be technical demonstrations and showcases combined with the presentations.

We hope that you would be able to attend iPOP 2015 and make this event a great success! We look forward to your participation and support.

iPOP 2015 General Co-Chairs
Naoaki Yamanaka and Bijan Jabbari

REGISTRATION INFORMATION

The participation is **FREE**, but advance registration is required.
The registration site will be available at http://www.pilab.jp/ipop2015/

PRELIMINARY TIMETABLE

Monday 20, April, 2015	

8:45-10:15	**iPOP Plenary**
	   Presider: Organizing Committee Co-Chair
	 Opening address
	   - Naoaki Yamanaka, iPOP General Co-Chair, Keio University, Japan
	   - Bijan Jabbari, iPOP General Co-Chair, ISOCORE, USA
	 Keynote
	   K-1 Kireeti Kompella, CTO of Juniper Development and Innovation, Juniper Networks, USA
	 iPOP Exhibition Introduction
	   - iPOP Exhibition Co-Chair
	 Local arrangement
	   - iPOP Local arrangement Co-Chair

	Break (10 min)

10:25-12:05	**Technical Session 1: SDN Architecture I**
	   Chair: Eiji Oki, UEC, Japan
	   T1-1 Noriaki Kamiyama, Osaka University., Japan
	   T1-2 Young Lee, Huawei, USA
	   T1-3 Xi Wang, Fujitsu Laboratories of America, USA
	   T1-4 Pete Moyer, Brocade, USA

	Break (60 min)

13:05-14:20	**Technical Session 2: SDN for Optical Networks I**
	   Chair: Young Lee, Huawei, USA
	   T2-1 Xiaoyuan Cao, KDDI R&D Laboratories, Japan
	   T2-2 Masaki Tanaka, Mitsubishi Electric Corporation, Japan
	   T2-3 Lin Tan, HUAWEI, China

	Break (15 min)

14:35-15:50	**Technical Session 3: Traffic Engineering and Resource Optimization**
	   Chair: Kireeti Kompella, Juniper, USA
	   T3-1 Yousuke Takahash, NTT, Japan
	   T3-2 Miya Kohno, Cisco Systems, USA
	   T3-3 Shinya Ishida, NEC Corporation, Japan

	Break (15 min)

16:05-18:05	**Business Session**
	   B-1 Aniket Khosla , Ixia, USA
	   B-2 Alick Luo, SPIRENT COMMUNICATIONS, China
	   B-3 William Wu, Cyan, USA
	   B-4 Yoshiaki Kiriha, O3 Project, Japan
	   B-5 Alex Henthorn-Iwane, QualiSystems, USA

	Break (15 min)
18:15-20:15	**Reception**

Tuesday 21, April, 2015	

8:40-10:00	**Keynote**
	   K-2 Yukio Ito, Member of Board, and Senior Vice President of Technology Development, NTT Communications /Chairman, Okinawa Open Laboratory , Japan
	 OOL Joint Session Talk
	   O-1 Takashi Torii, OOL, Japan
	   O-2 Keiichi Kobayashi, OOL, Japan

10:00-11:00	**Poster Session / Exhibition**
	   P-1 Zhicheng Sui, Huawei, China
	   P-2 Shaowen Ma, Cisco Systems, USA
	   P-3 Rob Shore, Coriant, USA
	   P-4 Paul Doolan, Coriant, USA

11:00-18:00	**Okinawa Open Lab. Tour**

Wednesday 22, April, 2015	

8:45-10:00	**Technical Session 4: Data Center and NFV**
	   Chair: Hiroaki Harai, NICT, Japan
	   T4-1 Masahiro Hayashitani, NEC Corporation, Japan
	   T4-2 Zitian Zhang, Shanghai Jiao Tong University, China
	   T4-3 Daisuke Ishii, Hitachi, Japan

	Break (15 min)

10:40-11:55	**Technical Session 5: SDN for Optical Networks II**
	   Chair: Paul Doolan, Coriant, USA
	   T5-1 Takehiro Tsuritani, KDDI R&D Laboratories, Japan
	   T5-2 Malathi Veeraghavan, University of Virginia, USA
	   T5-3 Yufei Wang, Huawei, USA

	Break (60 min)

12:55-14:10	**Technical Session 6: SDN Architecture II**
	   Chair: Malathi Veeraghavan, University of Virginia, USA
	   T6-1 Susan Hares, Huawei, USA
	   T6-2 Lieven Levrau, Alcatel-Lucent, USA
	   T6-3 Paul Doolan, Coriant, USA

	Break (15 min)

14:25-15:40	**Technical Session 7: SDN for Transport Networks III**
	   Chair: Takehiro Tsuritani, KDDI R&D Laboratories, Japan
	   T7-1 Takaya Miyazawa, NICT, Japan
	   T7-2 Takahiro Miyazaki, Keio University, Japan
	   T7-3 Hiroaki, Komine, Fujitsu, Japan

	Break (15 min)
15:50-16:45	**Closing Panel Session** **Closing**

EXHIBITION & SHOWCASE

During the conference, Exhibition and Showcase are also held. For updated information, visit
http://www.pilab.jp/ipop2015/

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VENUE

Okinawa Jichikaikan,
116-37, Asashi-machi, Naha, Okinawa,
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From Naha Airport, 10 minutes by car
From Naha Bus Terminal, 3 minutes by walk
From Monorail Asahibashi Station, 5 minutes by walk