



# CALL FOR PARTICIPATION

The 20th International Conference on IP/IoT&Processing + Optical Network (iPOP2024)

[Harmony Goryokaku, Hakodate-shi, Hokkaido, Japan.](https://www.pilab.jp/ipop2024/)

June 27th to 28th, 2024, Japan Standard Time (UTC+09:00)

<https://www.pilab.jp/ipop2024/>

Sponsored by PIL (Photonic Internet Lab) and ISOCORE.

## iPOP2024 COMMITTEE

General Co-Chairs: Naoaki Yamanaka, Keio University, Japan

Takeshi Kuwahara, NTT, Japan

Bijan Jabbari, ISOCORE, USA

Organization Committee Co-Chairs: Hiroaki Harai, NICT, Japan

Satoru Okamoto, Keio University, Japan

Takehiro Tsuritani, KDDI Research, Japan

Technical Program Committee Co-Chairs: Naoto Yoshimoto, Chitose Institute of Science and Technology, Japan

Eiji Oki, Kyoto University, Japan

Exhibition Committee Co-Chairs: Hirofumi Yamaji, TOYO Corporation, Japan

Akihiro Nakamura, Spirent Communications, Japan

Interop Committee Co-Chairs: Shinya Nakamura, UBiqube, Japan

Yusuke Hirota, NICT, Japan

Naoaki Yamanaka,  
Keio University,  
Japan



Takeshi Kuwahara,  
NTT, Japan



Bijan Jabbari,  
ISOCORE,  
USA



## WELCOME REMARKS:

Dear friends, presenters and supporters of iPOP Conference,

This year marks the 20th anniversary of iPOP International conference, which has been founded and sponsored by Photonic Internet Labs (PIL) and ISOCORE. Since its inception, the conference has enjoyed well attendance with diverse and involved participants.

This year iPOP2024, planned as a full in-person conference, will be held with showcases and exhibitions during June 27-28, 2024 in Harmony Goryokaku, Hakodate-shi, Hokkaido, Japan. June is the best season to visit Hokkaido. There are many attractions such as nature, beautiful scenery, as well as delicious gourmet food. Moreover, you can access by flight from Tokyo in less than 2 hours.

For this year's event, we are augmenting the existing central theme of the conference with forward-looking 6G networks and green/smart city which include all photonic network. In 6G networks, not only huge bandwidth, but also super-low latency with green technology are needed. New breakthroughs to support them are needed. In addition, we have networks topics for flexible service such as SDN and NFV with the focus on reliable, manageable, flexible and cost-effective carrier and/or service provider and data center networks. Of course, mobile access network integration like 5G are hot topics. By AI and data analytics support reliable and high-efficient network operation and network. All-photonic become much for AI application networks which connect high-performance processing power with AI create new network paradigm. The iPOP conference venue this year happens to be at the heart of IOWN technology which is promoted by Intel, SONY and NTT. Now iPOP stands for "intelligent and Processing over Optical networks" that is for AI platform all optical network, which is the real target for IOWN or 6G.

We hope that you will be able to join us in person at iPOP 2024 with presentations in person. We look forward to your participation and support to make the event a great success!

April 2024  
iPOP 2024 General Co-Chairs  
Naoaki Yamanaka  
Takeshi Kuwahara  
Bijan Jabbari

2024/05/23

## PROGRAM (TENTATIVE) \* Participation requires pre-registration!

[Day 1] Thursday 27, June 2024		[Day 2] Friday 28, June 2024	
Time (JST) 10:00-12:20	iPOP Plenary Opening Keynote (Two presenters) Exhibition Introduction Local Arrangement	Time (JST) 10:00-11:15	Technical Session (3)
		11:15-11:25	Break
		11:25-12:15	Special Invited Talk
12:20-13:30	Lunch Break & Exhibition	12:15-13:30	Lunch Break & Exhibition
13:30-14:45	Technical Session (1)	13:30-14:10	Sponsor Session
		14:10-15:00	Break/Exhibition
14:45-15:45	Exhibition	15:00-16:30	Special Panel Session
15:45-17:00	Technical Session (2)	16:30-16:50	Closing
17:00-18:00	Transfer time to the reception venue		
18:00-19:00	Reception		

### EXHIBITION & SHOWCASE

The Exhibition & Showcase will be held locally.  
Please check the iPOP2024 website for details.

### SPONSORED by



### SUPPORTED by



### VENUE

[Address]

Hakodate Performing Arts Center,  
37-8 Goryokakucho, Hakodate, Hokkaido 040-0001

### WEBSITE INFORMATION

For more information, visit the iPOP 2024 website.  
URL: <https://www.pilab.jp/ipop2024/>

