



# CALL FOR PARTICIPATION

The 18th Conference on IP/IoT&Processing + Optical Network (iPOP2022)

Hybrid Virtual Web Conference and Keio University Yagami Campus.

June 3<sup>rd</sup>, 2022, Japan Standard Time (UTC+09:00)

<https://www.pilab.jp/ipop2022/>

Sponsored by PIL (Photonic Internet Lab) and ISOCORE.

## iPOP2022 COMMITTEE

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

Hiroataka Yoshioka, 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: Takaya Miyazawa, NICT, Japan

Eiji Ōki, Kyoto University, Japan

TBD

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

Akihiro Nakamura, Spirent Communications, Japan

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

Naoaki Yamanaka,  
Keio University,  
Japan



Hiroataka  
Yoshioka,  
NTT, Japan



Bijan Jabbari,  
ISOCORE,  
USA



## WELCOME REMARKS: Welcome back to Real iPOP2022! (April 1, 2022)

Dear friends, presenters and supporters of iPOP Conference,

As we are now recovering from the COVID-19 pandemic which has severely impacted us, we are delighted that after two years, we are delighted to have iPOP 2022 planned as a real and hybrid conference to be held on June 3, 2022. Following the guidelines of the CDC and local government, we are looking forward to the face-to-face meetings and demonstrations augmented by online facility. Indeed, we are thankful to everyone who supported us for iPOP 2020 and 2021 events which we organized virtually.

This year marks the 18th 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. In addition, iPOP co-developed with vCUBE, new virtual booth/exhibition system called EventIn, which attendees can join in the hybrid mode to participate and discuss at iPOP 2022!

This year we are augmenting the existing central theme of the conference with forward 6G (Beyond 5G) network and smart city which includes backbone, platform and services. In addition, we have network topics such as SDN, NFV and service chaining with the focus on reliable, manageable, flexible and cost-effective carrier and/or service provider networks. In the past few years these networks have mostly focused on datacenter, mobile access network integration like 5G, and include AI and data analytics aspects. As recently announced NTT, Intel and Sony announced IOWN, a new paradigm for networking based on All-Optical Networks, which the iPOP sponsor community has contributed to its infrastructure. The iPOP conference venue happens to be at the heart of IOWN technology by integrated procession function on the optical Networks.

5 years ago, "iPOP which started as IP+Optical will it stands for intelligent and Processing over Optical networks" are announced by Prof. N. Yamanaka at iPOP opening plenary. It is now going to be realistic!! IoT, M2M, robot and vehicle are connected to network. Edge, cloud and cloud-let help these robot control on the top of optical networks.

We hope that you would be able to join us in person or online at iPOP 2022 with presentations which may be in face-to-face or virtual modes. We look forward to your participation and support to make the event a great success!

iPOP 2022 General Co-Chairs  
Naoaki Yamanaka  
Hiroataka Yoshioka  
Bijan Jabbari

## REGISTRATION INFORMATION

The participation is **FREE**, but pre-registration is required.

Registration is available at <https://www.pilab.jp/ipop2022/>



**PROGRAM (TENTATIVE)** \* This year's event will be a hybrid of local and online events. Participation requires pre-registration!

Friday 3, June 2022		
Time(JST)	Presentation / Exhibition	
9:15-11:00	iPOP Opening: General Chairs' Speeches Keynote #1: Prof. Taekyoung Kwon, Seoul National University, Korea	
11:00-12:00	Exhibition	
12:00-13:00	Exhibition & Networking Lunch	Online Interactive Poster
13:00-14:00	Hybrid Panel Session	
14:00-14:30	Speech #1: Showcase Introduction	
14:30-15:00	Exhibition & Break	
15:00-15:30	Speech #2: TBD	
15:30-16:00	Exhibition & Break	
16:00-16:45	Keynote #2: Prof. Antonio Skarmeta, Murcia University, Spain	
16:45-17:00	Closing	

**EXHIBITION & SHOWCASE**

The Exhibition & Showcase will be held both locally and online.  
In addition, we are planning to hold a lunch session as a new experiment.  
Please check the iPOP2022 website for pre-registration.

**PARTICIPANTS**



University of Tokyo

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**VENUE**

The iPOP2022 is a hybrid of local and online events.

**[Local Venue]**

Keio University Faculty of Science and Technology Yagami Campus  
3-14-1 Hiyoshi, Kohoku-ku, Yokohama, Kanagawa 223-8522, Japan

