

The conference is intended to share the knowledge, new findings, and experiences on the state-of-the-art of IP/IoT & processing and optical networking technologies among the industry and the academia. It features technical sessions and exhibitions. The opportunity to participate is open to all.

## CALL FOR PRESENTATIONS

The Technical Program Committee (TPC) for iPOP 2025 is soliciting presentation proposals for this conference. Protocol design, experiments, theories, implementations, and operational experiences are solicited.

The topics of the conference will include but not be limited to the following:

- SDN/NFV expectation for 5G/Beyond 5G and IoT
- Network service based on cloud/edge computing
- Service function chaining
- AI-assisted/autonomous/automated operation and control
- Intent-based networking
- Policy-based management
- Network security
- Network abstraction/virtualization/slicing
- Network management and control
- SDN for packet and optical transport networks
- Open source software for SDN/NFV
- Optical disaggregation and its management
- Data center and WAN orchestration
- Multi-layer/region networks
- Transport technologies for network backhauling
- Quality of service/experience
- Traffic engineering, path computation element
- Flex-grid/elastic optical networks
- Standardization/interoperability/testbeds

If you wish to submit a topic for consideration, please send an extended abstract of 400 words and a maximum of 1 page, including figures and diagrams, speaker's name, affiliation, and contact information to the TPC at [ipop2025-cfp@ml.pilab.jp](mailto:ipop2025-cfp@ml.pilab.jp).

Please see <https://www.pilab.jp/ipop2025/> for more details.

### Important Dates

Submission deadline of one-page abstract: May 1, 2025

Notification of acceptance: End of May, 2025

Submission deadline of final presentation slides: July 7, 2025