

Internet Conference 2018
Call For Papers

The Internet has been the common communication basis for the innovation. We see many social changes happened along with the development of the Internet. Numerous unique services, such as large-scale distributed mail services, voice and video streaming services, mashup Big-Data web services, and virtualization of computers and networks, used the Internet to lead the social changes.

However, the knowledges that was necessary for the changes and that can support further progress in the future, are not in the form of accessible information that can be referred from the public. As a result, those knowledges are redundantly duplicated, leading to the “reinventing the wheels” situation. We think it suggests that such knowledges better be implemented as the additional functions embedded in the Internet platform.

In the recent activities around the Internet, many valuable technologies have emerged, such as deep-learning technologies, blockchain technologies, and the IoT (Internet of Things technologies reinforced by sensor systems). On the other hand, cyber security is more and more considered as a serious danger to our society. We think that this is the right time to start considering re-design of core framework in the future Internet, for example, communication framework, application framework, data management, service framework, and security framework, for the purpose to strongly support the emerging applications.

We, the program committees of IC2018, hope to gather many experts’ knowledges and opinions from many area of expertise, regarding the desired features, the example cases of challenges, the problems in the applications, the limitations of current Internet, and the new demands for the Internet. We highly appreciate the submissions and participations from new areas to the IC2018.

We also believe that an academic conference should serve as a venue to present cutting edge technologies and deep investigations of a topic through the strict review process. In the context, we provide IC2018 by devoting more effort to reinforce a higher quality of reviews to all of authors. Specifically, we are planning to provide more number of reviews (more than four) to each of submitted papers, than our previous convention (two or three).

The areas of the topic for the conference are listed below but not limited to:

Internet (network) operation, Internet exchange
Routing technologies
Transport protocols
Measurement and analysis of the Internet
Network architectures (cleanslate approach)
Software Defined Network (SDN)
Cloud computing

Security for communication networks
Governance on the Internet
Designs and techniques for web-based applications
Unique applications/Use cases on the Internet (*)
Requests/Complains for the Internet infrastructure (*)

Note: The (*) mark indicates special topic in the conference.

Important Dates (in JST)

2018/09/12(Wed) 23:59: Paper Abstract Submission (Paper Registration)

2018/09/26(Wed) 23:59: Paper Submission Deadline

2018/10/26(Fri): Decision Notification

2018/11/16(Fri): Final Camera Ready Due

Main Conference

Date: 2018/11/26(Mon), 27(Tue)

Place: Akihabara Convention Hall (Akihabara Dai Bldg 2F), Tokyo, Japan

http://www.akibahall.jp/data/access_eng.html

Paper Submission Instruction (Summary)

Papers written in English or Japanese will be considered for acceptance in the conference proceedings. Full papers should be more than 6 pages long, but should not exceed 14 pages of A4, including references.

Papers submitted to IC2018 must not be published anywhere in the past, nor be under the consideration for acceptance/publish elsewhere, in any language. A paper submitted should have at least 30 % of novel contents. If the paper holds in its parts the same or similar contents with another paper, the authors must explicitly mention it in the paper, possibly by adding the reference to the other paper. Upon a questionable evidence of not obeying these rules, the case will be discussed and judged by the TPC members. The paper's contents are considered to stay confidential, both during the review process and after the rejection or withdrawal.

In order for a paper to be selected in publication in IC2018, at least one author must attend the conference and give the presentation. The accepted paper will be published in proceedings of the Internet Conference 2018 provisionally by Japan Society for Software Science and Technology (JSSST).

IC2018 will select the best paper and the best presentation award among the accepted papers. In addition, a few best student papers may be selected.

More detailed instruction is available in the following URL.
<https://www.internetconference.org/ic2018/how-to-submit.html>

(as of 2018/06/30)

Program Committee

Teruaki Yokoyama (National Institute of Information and Communications Technology, chair)
Yasuhiro Ohara (NTT communications, co-chair)
Katsushi Kobayashi (The University of Tokyo)
Keiichi Shima (IIJ Innovation Institute)
Nobuo Ogashiwa (Kyoai Gakuen University)
Motoyuki Ohmori (Tottori University)

Organizing Committee

Hiroshi Mano (Koden Techno & Info, chair)
Yasuo Okabe (Kyoto University)
Teruaki Yokoyama (National Institute of Information and Communications Technology)
Yasuhiro Ohara (NTT communications)
Koji Okamura (Kyushu University)
Motoyuki Ohmori (Tottori University, co-chair)
Toru Kondoh (Hiroshima University)
Katsushi Kobayashi (The University of Tokyo)
Toshihiko Shimokawa (Kyushu Sangyou University)
Ismail Arai (Nara Institute of Science and Technology)
Yoshihisa Kawamoto (Osaka Gakuin University)
Minoru Ikebe (Oita University)
Naomi Terada (National Institute of Information and Communications Technology)
Seiichi Yamamoto (The University of Tokyo)

Sponsored by

JSPS 163rd Committee on Internet Technology (ITRC)

Co-sponsored by

WIDE project (WIDE)

E-Mail: ic2018 at internetconference.org