

Call for Papers



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Important Dates (Time Zone : KST)

[Track 2] 2-page Extended Abstracts Submission Due : Saturday, 6 January 2018

[Track 2] Authors Notification : Friday, 12 January 2018

[Track 2] PTL Publication Schedule Notification : Saturday, 20 January 2018

[Track 2] Author Registration Due : Friday, 19 January 2018

Conference Dates : 29-31 January 2018

Contact Information

If you have enquiries about the conference, please contact the following conference chairs:

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Overview

"PlatCon-18 covers all Computer Science and ICT areas with their convergence topics."

PlatCon-18 will be the third event of the PlatCon conference series which is hosted and organized by the ICT Platform Society (ICTPS) and technically sponsored by the ICRP, and this year event is technically cosponsored by IEEE Kwangju section. This conference will be one of most comprehensive conferences in the field of Platform Technology (PT). The main focus of PlatCon-18 is various PT research issues, but also its coverage can be extended to a wide spectrum of topics related to Computer Science and ICT platforms and their service domains. And PlatCon-18 would be a professional and informative forum for scientists, engineers, experts, professors, and students in the areas of Computer Science, Information Technology, Computing Technology, Communication & Network, HCI, Business & Management, Intelligent System, Cyber security, Industrial Security, Cyber Physical System, Education Technology, IT-based convergence research fields, and also in multidisciplinary or interdisciplinary research fields of them.

During the last decade, many countries have adopted in recent years roadmap for developing the future infrastructure in emerging platform technology areas such as automobile, big data processing technology, biotechnology, nanotechnology, grid computing and ICT (Information and Communication Technology). Our special interest lies in both theoretical and practical research contributions presenting new techniques, concepts, or analysis, reports on experiences and experiments of implementation and application of theories, and tutorials on new technologies and trends in various platforms/services areas and in all relevant scientific/engineering areas.

The PlatCon-18 is the next event, in a series of highly successful International Conference on Platform Technology and Service, previously held as PlatCon 2017 (Busan, Korea, Feb. 2017), PlatCon 2016 (Jeju, Korea, Feb. 2016), PlatCon 2015 (Jeju, Korea, Jan. 2015), and PlatCon 2014 (Jeju, Korea, Feb. 2014).

Conference Topics

Potential authors are invited to submit original, unpublished research articles, and on-going research papers, and also some invited articles, in all areas related to the platform technologies including, but not limited to, the following suggested topics:

Computing Platform	Networking Platform
<ul style="list-style-type: none">- Computing theory- Computer architecture- Grid and cloud computing and systems- Distributed and parallel computing systems- Embedded computing and systems- Fault-tolerant computing and systems- Ubiquitous computing and systems- Operation systems- Secure OS and Trust OS	<ul style="list-style-type: none">- Ad hoc and sensor network platform- Broadband communication platform- Microwave communication platform- Mobile and wireless platform- Satellite communication platform- Smart home and M2M (machine to machine) network- System and network management and troubleshooting- Vehicular communication platform
Human & Media Platform	Convergence Platform
<ul style="list-style-type: none">- Game platform- Interaction and HCI- Media art convergence- Multimedia platform- Scientific and big data visualization platform- Smart UI/UX platform- Virtual and augmented reality- E-Learnig & U-Learning platform	<ul style="list-style-type: none">- Artificial intelligence- Big data- Business management and intelligence- Internet of thing- Semantic web technology platform- Service oriented computing and applications- Software defined network- Social networks- Security and privacy issues in emerging platforms- Cyber security and digital forensics- Smart grid and its security- Financial platform

Paper Submission

EDAS is the official conference tool for PlatCon-18.

Authors should submit their papers to the following EDAS system for review: <http://edas.info/N24064>

You can download a sample format: <http://www.platcon.org/publications>

Publications

Conference Proceeding :

Every submitted paper will be carefully reviewed by at least three members of the International Program Committee. And some papers selected will be included in some international journals with high quality.

Track 1 (IEEE Proceeding)

All accepted papers will be included in the conference proceedings published by IEEE Press (IEEE eXpress Conference Publishing group) and will be included in the IEEE Xplorer.

Track 2 (PTL Journal)

Platform Technology Letters, PTL (ISSN 2288-8195) is one of official periodicals of ICT Platform Society, and it has published three volumes since 2014.

PTL Track calls for 2-page extended abstracts(2-EA), and then all accepted 2-EA are going to be included in the Conference Program Book which will be distributed on site. The 2-EA will **NOT** be included in the conference proceedings published by IEEE Press.

After the conference, full papers(2-6 pages) of all accepted and presented 2-EA will be published in this year PTL volume. In 2018, PTL editorial office will publish one PTL volume having 4 issue in March, June, September, and December. PTL Track full paper publication schedule will be notified on Friday, 20 January 2018 (tentative).

* Special Issues for conference : (Pending)

Some selected papers will be recommended to peer-reviewed international journals indexed in EI Compendex, SCOPUS, SCIE, SCI, and/or SSCI as below. And we are contacting other journals for the selected papers.

- Journal of Platform Technology - an official open-access journal of ICT Platform Society

- IJGDC, IJHIT, IJFGCN, IJDTA - SERSC (EI Compendex)

- Multimedia Tools and Applications (MTAP) - Springer (SCIE)

- Journal of Real-Time Image Processing - Springer (SCIE)

- International Journal of Distributed Sensor Networks - SAGE (SCIE)

- Computers and Electrical Engineering - Elsevier (SCIE)

- Journal of Sensors - Hindawi (SCIE)

- Advances in Multimedia - Hindawi (SCOPUS)