Call for Contributions

Note: Onsite and Online Options
In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICN+2020+Special
Please select Track Preference as **NGCT**

Special track

NGCT: Next Generation Computing Technologies based on Machine learning, Artificial Intelligence, and Distributed Computing

Chairs and Coordinators

Dr. Muhammad Hanif, Hanyang University, Seoul, South Korea honeykhan@hanyang.ac.kr
and
Dr. Faheem Khan, Hanyang University, Seoul, South Korea faheemkhan@hanyang.ac.kr

along with

ICN 2020, Nineteenth International Conference on Networks
https://www.iaria.org/conferences2020/ICN20.html
February 23, 2020 to February 27, 2020 - Lisbon, Portugal

Next-generation of computing technologies are evolving from the emergence of new technologies and research areas such as Distributed computing, Artificial intelligence, Machine learning, Deep learning, Cloud computing, Parallel computing, Grid computing, and their related applications. These emerging topics in the field of information technology are defining the future of computing technologies. By using the internet and central remote services, it maintains the data, applications, etc. that offers much more efficient computing by centralizing storage, memory, processing, and bandwidth and so on. It can also concentrate all computation resources and manage automatically through the software without intervening. There are several layers in present computing architecture, service models, platforms, issues i.e. security, privacy, reliability, open standard, etc. and types.

The objective of the track is to explore the landscape of next-generation computing technologies and standards, and present solutions for the development of applications based on these frameworks that cope with the requirements and security concerns of the future Internet.

Topics includes, but not limited to:
- Distributed computing
- Wireless Communication
- Mobile Communication
- Internet of things
- Ubiquitous & Sensor Network
- Information & Network Security
- Cloud and Distributed Application Security
- Industry 4.0, AI, Deep Learning, Big Data, Search Engine
- Smart City, IoT, IoE, M2M, ERP

- Process mining, ICN, e-Government, e-Commerce, e-Learning, e-Health
- Distributed & Cloud Computing, Remote Computing Architecture
- Future Network, Information Centric Network
- Software-defined networking (SDN) and network virtualization
- Machine learning and networking
- Big data/Cloud computing and networks
- Artificial intelligence (AI) and autonomous networking

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Important Datelines
Inform the Chair: As soon as you decide to contribute
Submission: January 5, 2020
Notification: January 24, 2020
Registration: February 1, 2020
Camera ready: February 1, 2020
Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICN+2020+Special
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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