

## Call for Contributions

**1. Inform the Chair:** with the Title of your Contribution

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SERVICE+COMPUTATION+2018+Special>

Please select Track Preference as **IOTS**

### Special track

## IOTS: Internet of Things Services

Chairs and Coordinator:

Asst. Prof. Dr. Pelin Angin, Middle East Technical University, Department of Computer Engineering, Turkey

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along with

**SERVICE COMPUTATION 2018**, The Tenth International Conference on Advanced Service Computing

<http://www.iaria.org/conferences2018/SERVICECOMPUTATION18.html>

The *Internet of Things* (IoT), enabling the connectivity of physical and virtual objects to create smart environments, has witnessed exponential growth in the past decade with the advances in networking infrastructures and smart devices. The number of IoT connections within the EU is estimated to reach 6 billion by 2020, covering a market of over one trillion euros. Among major applications of IoT are *smart homes* integrating various sensors for security, elderly care and smart energy consumption, *wearables* for personal health monitoring, *smart manufacturing* expected to be prevalent in the European logistic chain and production line, *smart energy grids*, *smart cities* utilizing data from various sensors for long term development planning, *connected vehicles*, *smart farming* improving the agri-food supply chain, *earth/ocean observation systems* addressing environmental issues, and *surveillance/safety warning* systems for emergency response. Wide adoption of IoT is expected to provide immense economic benefits, as it enables crossing over borders between different industrial sectors, creating more efficient processes, reduced consumption and increased sharing of resources.

Despite the many economic and societal benefits of IoT, the security issues it gives rise to are a concerning aspect of the technology, hampering wider adoption. The crosslinking of various types of objects in IoT enables each object to influence the behavior of others and the exchange of vast amounts of information taking place automatically without the users' awareness leads to security problems including violations of data privacy and integrity, vital for both proper functioning of critical systems and data protection rights of individuals.

This special track calls for papers on all aspects of IoT services including design, evaluation, infrastructure issues, security architectures, service composition and data-related aspects.

*Accepted papers will be published in the conference proceedings and will be included in the [www.thinkmind.org](http://www.thinkmind.org) digital library. Selected papers will further be considered for publication in specialized journals. For more information, visit <http://www.iariajournals.org/>*

**Note:** *A recipient for a best paper award can be selected.*

### Topics include, but not limited to:

- IoT services applications
- IoT service security

- IoT services technologies and infrastructures
- QoS for IoT services
- Performance evaluation case studies for IoT services
- Human-IoT interaction
- Data modeling, accuracy, integration and tracking in IoT services
- Service composition in IoT
- IoT platform case studies
- IoT service design

## 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.aria.org](http://www.aria.org)]
- Presentations: slide only [slide-deck posted on [www.aria.org](http://www.aria.org)]
- Demos: two pages [posted on [www.aria.org](http://www.aria.org)]

## Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: Nov 3, 2017
- Notification: Dec 3, 2017
- Registration: Dec 17, 2017
- Camera ready: Jan 15, 2018

## Paper Format

- See: <http://www.aria.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.aria.org/editorialrules.html>

## Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.ariajournals.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.ariasubmit.org/conferences/submit/newcontribution.php?event=SERVICE+COMPUTATION+2018+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.aria.org/registration.html>

## Contact

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