

Call for Contributions for

Submission:

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

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SEMAPRO+2017+Special>

Please select Track Preference as **SWOT**

Special track

SWOT: Semantic Web of Things

Chair and Organizer

Assist. Prof. Dr. Emine Sezer, Ege University, Computer Engineering Department, Turkey
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along with

SEMAPRO 2017, The Eleventh International Conference on Advances in Semantic Processing

<http://www.iaia.org/conferences2017/SEMAPRO17.html>

November 12 - 16, 2017 - Barcelona, Spain

IoT (Internet of Things) is the most popular trend of the next generation Internet applications with the promise of sharing the information from everywhere continuously and accurately in today's information systems. IoT can be defined as a concept reflecting a connected set of anyone, anything, any service and any network at anywhere at any time.

The aim of IoT is to exchange the data between all these connected "things" to provide full automation. The first samples began to develop for IoT applications such as smart cities, smart traffic control systems, waste management, security, emergency services, logistics and health care.

Ensuring consistency in the terminology of the related application domain, sharing the data between devices and systems, and data exchange without losing its meaning are challenging problems that occur in early IoT applications. Semantic Web technologies can provide solutions for these interoperability problems.

The aim of this track is to contribute the most relevant works and researches regarding Semantic Web technologies like ontology methodologies, ontology engineering, best practices and tools that can be used to solve some of the challenges in IoT applications.

Topics include, but not limited to:

- Semantic frameworks, methods, models, and formats for IoT applications.
- Ontology engineering for IoT
- Design and development of Semantic Web based IoT platforms.
- Interoperability challenges for IoT
- IoT Security, privacy and trust on the Semantic Web
- Linked data principles for IoT
- Semantic Web based IoT emerging applications

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: October 4
- Notification: October 11
- Registration: October 18
- Camera ready: October 18

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

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.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.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

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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.iaia.org/registration.html>

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