

## 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+2019+Special>

Please select Track Preference as **SyMpATHY**

Special track

## **SyMpATHY: SeMANTic Technologies for Healthcare and Accessibility Applications**

### **Chairs and Coordinators**

Dr. Efstratios Kontopoulos, Center for Research & Technology Hellas (CERTH), Greece

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along with

**SEMAPRO 2019**, The Thirteenth International Conference on Advances in Semantic Processing

<http://www.iaria.org/conferences2019/SEMAPRO19.html>

September 22, 2019 to September 26, 2019 - Porto, Portugal

In an environment of rapidly increasing volumes of available data, the progressive rise of semantic technologies provides a wide range of tools for representing and processing information more efficiently, for establishing interoperability between diverse systems, and for integrating data from heterogeneous sources. The role of these technologies now plays a pivotal role in various domains (e.g., semantic search, conversational agents, digital humanities etc.), but has been considerably downplayed in healthcare and accessibility, where its potential has not yet been extensively tapped into. Towards addressing this shortcoming, and having the ambition to improve the social inclusion of people facing healthcare and accessibility issues, this special track aims to serve as a venue for presenting and discussing novel ideas, experiences and open problems in the application of semantic and web technologies in the relevant domains.

### **Topics include, but not limited to:**

- Practical applications in healthcare or accessibility, capitalizing on semantic workflow technologies and/or semantic web services;
- Relevant ontologies, vocabularies, semantic models and knowledge graphs;
- Designing artificial languages for healthcare applications under limited communication opportunities;
- Semantic querying and rule-based systems in the respective domains;
- Empirical studies and evaluation of relevant semantics-enabled tools and applications; Semantic integration of heterogeneous information (potentially from multimodal sources);
- Semantic infrastructures supporting provenance, trust and reproducibility;

- Future directions for semantic technologies in healthcare, accessibility and relevant interdisciplinary fields

### **Important Datelines**

Inform the Chair: As soon as you decide to contribute

Submission: July 26, 2019

Notification: August 16, 2019

Registration: August 26, 2019

Camera-ready: August 26, 2019

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

### **Paper Format**

- See: <http://www.iaia.org/format.html> [both LaTeX and .doc templates]
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>
- More information on camera ready preparations will be posted after the paper notifications are sent out.

### **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>

### **Contacts**

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