

# Call for Contributions

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

**Submission URL:**

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

Please select Track Preference as **HUBEDU**

Special track

## **HUBEDU: Human Behavior in Digital Education**

Chair and coordinator:

**Dr. Tiago Thompsen Primo**, Samsung Research Institute, Brazil

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along with

COGNITIVE 2017, February 19 - 23, 2017 - Athens, Greece

The Ninth International Conference on Advanced Cognitive Technologies and Applications

<http://www.aria.org/conferences2017/COGNITIVE17.html>

This track aims to discuss computational models of human behavior and computational intelligence applied to Digital Education. This is a growing field of research concerned to bring interactive technology to teaching and learning in classroom. We seek to foment the discussion around new forms of automatic assessment, and models to understand the impact of social behavior in classrooms, learning context, and individual profile modeling upon learning performance. A basic premise of this track is to think of multi-disciplinary and investigative approaches involving:

- Novel Data Mining and Machine Learning for Social Intelligence in Digital Education
- Social Modelling and Simulation to investigate Social Behaviours, Emotional Intelligence, Influence processes and other social aspects that may influence learning performance in an educational environment
- Novel Recommendation and Inference Techniques based on Student Behaviour in Digital Education
- Smart environments and Interactive systems of Social Computing in Digital Education
- Analysis of social media and media intelligence in Digital Education
- The utilization sensors in mobile and wearable technology to support students and teachers behavior.

This special track welcomes industrial research and academic groups conducting practical research around extended models of Computational Intelligence, Computational Social Sciences, Learning analytics, Recommender Systems, Data Mining, Intelligent Information Retrieval, Social Simulation, Human-Computing Interaction, Knowledge Representation and Reasoning and others applied to the field of Digital Education and Digital Teaching Platforms.

### **Important Datelines**

- Inform the Chair: As soon as authors decided to submit and secured the financial support
- Submission: January 15
- Notification: January 25
- Registration: February 5
- Camera ready: February 8

### **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>
- 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**

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=COGNITIVE+2017+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.iaia.org/registration.html>

### **Contact**

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