

# Challenges in Artificial Intelligence Pushing the Boundaries of ITS



**ITS  
2019**

**Jamaica  
3-7 JUNE**



iis

## ITS2019 Call for Industry Track Proposals

**ITS2019 invites the submission of proposals by March 8, 2019**

### About the Conference

ITS2019 is the upcoming Conference of the series of Intelligent Tutoring Systems Conferences on Computer and Cognitive Sciences, Artificial Intelligence and Deep Learning in Tutoring and Education. ITS2019 will be held in Jamaica, Kingston, from the 3-7 June, 2019.

### Theme of the Conference

The ITS2019 Conference is about “Challenges in Artificial Intelligence – Pushing the Boundaries of ITS”. ITS2019 presents academic and research achievements of Computer and Cognitive Sciences, AI and Deep Learning vis-a-vis the advances of Intelligent Tutoring Systems. ITS2019 invites researchers to submit their papers.

### Topics of Interest

Topics of interest to the conference include, but are not limited to:

- Intelligent tutoring
- Artificial Intelligence in Education
- Educational Data Mining
- Machine Learning in Intelligent Tutoring Systems
- Deep Learning and Intelligent Tutoring Systems
- Informal learning environments, learning as a side effect of interactions
- Collaborative and group learning, communities of practice and social networks
- Simulation-based learning and serious games
- Dialogue and discourse during learning interactions
- Ubiquitous, mobile and cloud learning environments
- Empirical studies of learning with technologies
- Understanding human learning on the Web
- Adaptive support for learning, models of learners, diagnosis and feedback
- Modeling of motivation, metacognition, and affect aspects of learning
- Recommender systems for learning

- Virtual pedagogical agents and learning companions
- Ontological modeling, semantic web technologies and standards for learning
- Multi-agent and service oriented architectures for learning environments
- Educational exploitation of data mining and machine learning techniques
- Instructional design principles or design patterns for educational environments
- Authoring tools and development methodologies for advanced learning technologies
- Domain-specific learning technologies, e.g. language, mathematics, reading, science, medicine, military, and industry
- Non conventional interactions between artificial intelligence and human learning
- Privacy and security in e-learning environments.

<b>Conference Events</b>	
<b>Event</b>	<b>Date</b>
ITS Workshops, Tutorials and Industry Track Sessions	3-4 June 2019
ITS Conference	5-7 June 2019

### **The Intelligent Tutoring Systems Conference (ITS2019) announces an open Call**

ITS2019 encourages a range of events varying in content, aim and structure. Individuals and groups are invited to submit industry track proposals in the context of the conference. The general goal is to offer participants an opportunity to engage in professional exchange in an interactive and interpersonal setting leading to networking, collaboration, and potentially to grants and publications.

Industry track sessions intend to bring together groups of researchers from around the world who have shared interests. They provide a good, extended opportunity for researchers to get to know each other in a relaxed atmosphere and stimulate the development of ideas and interests, sometimes leading to collaboration, grants and publications.

#### **Industry Track Proposals**

Proposals can be on any major and timely topic in relevant fields of interest related to ITS2019. The industry track intends to provide a forum for the exchange between academics and researchers with business, business and market representatives.

The sessions of the industry track can take the form of “classical workshops,” during which early work is presented in an informal manner, or “mini conference” style, or interactive “working meetings” designed to take advantage of being co-located to work together collaboratively on a theme of shared interest.

Industry Track Sessions can be cancelled if the registration rate is low.

## Topics for Industry Track Proposals

Possible topics include, but are not limited to:

- Tools (e.g., tools for more effective, efficient, and enjoyable ITS interactions; analysis tools for researchers)
- Practices (e.g., teacher best practices; the analysis of student practice)
- Theories (e.g., learning, cognition, teaching, practice)
- Methods (e.g., research approaches, techniques, methodologies)

## Instructions for Industry Track Proposals

Proposals should comply with the guidelines below:

- Be in English
- Indicate that it is an Industry Track proposal
- Must be between 2-4 pages
- Adhere to the relevant deadline (March 8, 2019)
- Include the title of the event and organizers' names and affiliations
- State the preferred length (half day or full day)
- Describe the theme, content, goals and expected outcomes indicating the relevance to the corresponding IIS conference
- Refer to the intended audience, and the optimum number of attendees
- Provide potential evidence of interest, such as a list of people who have said that they are likely to participate or send students
- Participation requirements (e.g. requirement of particular knowledge, prerequisites such as submission of a position paper, expected behavior during the event, or a commitment to contribute to a joint publication after the event)
- Propose the format and activities plan
- Describe relevant experience of the organizers with respect to the proposed topic
- List A/V facilities and other equipment needed
- For industry track workshops, which will solicit papers, a preliminary program committee should be included

Proposals should be submitted through **EasyChair** until the following deadline by **11:59 Pacific Time**.

<b>Deadlines</b>		
<b>Event</b>	<b>Submission</b>	<b>Acceptance Notification</b>
<b>Industry Track Proposals</b>	<b>March 8, 2019</b>	<b>March 16, 2019</b>

All questions about submissions should be emailed to: [info@iis-international.org](mailto:info@iis-international.org)