



Affiliated with  
AHFE International  
Conference

# 2019 IHSI International

## 2<sup>nd</sup> International Conference on Intelligent Human Systems Integration



Hilton San Diego  
Bayfront,  
California, USA

Call for Papers

# 7-10 February, 2019



[www.ihshint.org](http://www.ihshint.org)

# 2019 IHSI International

## IHSI 2019

You are cordially invited to participate in the 2019 International Conference on Intelligent Human Systems Integration: Integrating People and Intelligent Systems (IHSI 2019) which will be held at the Hilton San Diego Bayfront, California, USA, February 7-10, 2019.

**IHSI 2019 conference** aims to provide a global forum for presenting and discussing novel approaches, design tools, methodologies, techniques, and solutions for integrating people, intelligent technologies and automation, and artificial cognitive systems in all areas of human endeavor in industry, economy, government, and education, including but not limited to energy, transportation, urbanization and infrastructure development, digital manufacturing, social development, human health, sustainability, new generation of service systems, as well as safety, risk assurance, autonomy, and cybersecurity in both civilian and military contexts.

**IHSI 2019 conference** will focus on advancing the theory and applications of artificial cognitive systems and human-artificial systems collaboration by adopting a hybrid-centered design approach that utilizes and expands on the current knowledge of human-centered design and intelligent systems supported by cognitive software and engineering, smart data analytics, large scale socioeconomic simulations, and next generation computer visualization. This interdisciplinary conference will also expand the boundaries of the current state-of-the-art by investigating the pervasive complexity that underlies the most profound problems facing contemporary society today.

All submitted papers will be peer-reviewed by three independent referees from the International Editorial Board. Papers in the theoretical category should deal with theories, models, concepts, and structures;

papers in the generic category should present research results of broad applicability; and papers in the applied category should show how research is translated into technological innovations for intelligent human-artificial systems collaboration.



Selected areas and topics of interest include but are not limited to:

- IHSI 1: Humans and Artificial Cognitive Systems
- IHSI 2: Intelligence Technology and Analytics
- IHSI 3: Computational Modeling and Simulation
- IHSI 4: Humans and Artificial Systems Complexity
- IHSI 5: Smart Materials and Inclusive Human Systems
- IHSI 6: Human-Autonomy Teaming

## CONFERENCE ORGANIZATION

**GENERAL CONFERENCE CHAIR**  
Waldemar Karwowski

**GENERAL PROGRAM CHAIR**  
Tareq Ahram

**CONFERENCE ADMINISTRATION**  
admin@ihsint.org

**CONFERENCE EXHIBITION**  
exhibits@ihsint.org

**STUDENT VOLUNTEER**  
volunteer@ihsint.org

## SUMMARY OF SUBMISSION REQUIREMENTS & DEADLINES

|                          | Abstract Length | Deadline for Abstract Receipt | Notification of Review Outcome | Deadline for Receipt of Accepted Papers |
|--------------------------|-----------------|-------------------------------|--------------------------------|---|
| Paper presentations*     | 500 words       | 10 September 2018             | After 10 September 2018        | 20 October 2018                         |
| Posters/demonstrations   | 300 words       | 10 October 2018               | **                             | 20 October 2018                         |
| Special interest groups* | 500 words       | 10 October 2018               | **                             | 20 October 2018                         |
| Tutorials                | 300 words       | 10 September 2018             | After 10 September 2018        | not applicable                          |

**All submissions should be done through our website: [www.ihsint.org](http://www.ihsint.org)**

To provide a greater opportunity for more people to present at the Conference, each accepted paper should have a different conference registrant. However, co-authors may appear on multiple papers. For written cancellations received on or before 1 October 2018, 90% of the registration cost will be refunded (including conference registration, tutorial fees, and reception dinner). 50% of the registration cost will be refunded if a written cancellation is received between 1 October - 1 November, 2018. No refunds will be made for cancellations received after 1 November, 2018. All cancellations must be submitted to the Conference Administrator at: [registration@ihsint.org](mailto:registration@ihsint.org)

- \* If your submission was invited by a particular Session Chair, please mark as such and include their name when submitting.
- \*\* Since frequently the intent of posters is to convey late-breaking scientific news and work in progress, they will be promptly peer reviewed as they are received.