

Important Dates

Paper Submission: November 27, 2017

Notification of Acceptance: February 5, 2018

Camera Ready Paper: February 26, 2018

Conference Dates: June 25-28, 2018



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Sheela Ramanna
Robert Reynolds
Samira Sadaoui
Fatiha Sadat
Gregorio Sainz-Palmero
Weiming Shen
Shubhashis Kumar

Shil
Marina Sokolova
Joao Sousa
Bruce Spencer
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Ying Zhang
Bing Zhou
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Adlane Habel
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Trevor Tomesh
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Richard Dosselmann
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Scope

IEA/AIE 2018 continues the tradition of emphasizing applications of applied intelligent systems to solve real-life problems in all areas including engineering, science, industry, automation & robotics, business & finance, medicine and biomedicine, bioinformatics, cyberspace, and human-machine interactions. Authors are invited to submit their papers in English of up to 10 single spaced pages, presenting the results of original research or innovative practical applications relevant to the conference. Practical experiences with state-of-the-art AI methodologies are also acceptable when they rect lessons of unique value to the conference attendees. Shorter works, up to 6 pages, to be presented in 10 minutes, may be submitted as short papers representing work in progress or suggesting possible research directions. All paper submissions will be done electronically, as indicated in the instructions on the conference web site. All papers will be peer reviewed with the plan to have the accepted papers included in LNCS conference proceedings.

Organized in cooperation with

Association for the Advancement of Artificial Intelligence (AAAI)
Association for Computing Machinery (ACM/SIGART)
Austrian Association for Artificial Intelligence (OEGAI)
Canadian Artificial Intelligence Association (CAIAC)
Catalan Association for Artificial Intelligence (ACIA)
Concordia University, Canada
International Neural Network Society (INNS)
Italian Artificial Intelligence Association (AI*IA)

Japanese Society for Artificial Intelligence (JSAI)
Lithuanian Computer Society -Artificial Intelligence Section (LIKS-AIS)
Spanish Society for Artificial Intelligence (AEPIA)
Society for the Study of Artificial Intelligence and the Simulation of Behaviour (AISB);
Taiwanese Association for Artificial Intelligence (TAAD);
Taiwanese Association for Consumer Electronics (TACE)
Texas State University, USA
University of Regina, Canada

Topics of interest

Adaptive Control
Ambient Intelligence
Argumentation Systems
Artificial Immune Systems
Automated Reasoning
Autonomous Agents
Bayesian Networks
Bio-informatics
Case-based Reasoning
Cognitive Models

Computer Animation
Computer Vision
Constraint Programming
Data Mining
Decision Support Systems
Description Logics
Evolutionary Computation
Expert Systems
Fuzzy Logic
Games

Information Retrieval
Heuristic Search
Human Robot Interaction
Intelligent Systems
Knowledge Management
Machine Learning
Meta-heuristics
Model-based Reasoning
Multi-Agent Systems
Multi Media Processing

Natural Language Processing
Neural Networks
Non-Monotonic Logics
Optimization
Planning and Scheduling
Preference Reasoning
Privacy Preserving Data Mining
Robotics
Semantic Web
Smart Graphics

Social Networks
Soft Computing
Speech Recognition
Swarm Intelligence
Temporal and Spatial Reasoning
Uncertainty
User Modeling
Ontologies