

## 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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## 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 recast 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)  
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Japanese Society for Artificial Intelligence (JSAI)  
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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  
Agents Systems  
Ambient Intelligence  
Argumentation Systems  
Artificial Immune Systems  
Bayesian Networks  
Automated Reasoning  
Autonomous Agents  
Bio-informatics  
Case-based Reasoning  
Cognitive Modeling  
Computer Animation

Computer Vision  
Cognitive Models  
Constraint Programming  
Data Mining  
Decision Support Systems  
Description Logics  
Evolutionary Computation  
Expert Systems  
Fuzzy Logic  
Games  
Genetic Programming  
Information Retrieval

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

Multi Criteria Decision Making  
Natural Language Processing  
Neural Networks  
Non-Monotonic Logics  
Optimization  
Planning and Scheduling  
Preference Reasoning  
Privacy Preserving Data Mining  
Reasoning under Uncertainty  
SAT  
Search  
Smart Graphics

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