

IEA-AIE 2017 CALL FOR PAPERS

The 30th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems

(<http://www.cril.univ-artois.fr>)

June 17-21, 2017 Arras (near Paris, France)

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Sponsored by: International Society of Applied Intelligence (ISAI)

Organized in cooperation with:

Association for the Advancement of Artificial Intelligence (AAAI);
Association for Computing Machinery (ACM/SIGART);
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Scope: IEA/AIE 2017 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 reflect 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 and final copies of papers for inclusion to the conference proceedings will be published in a bound volume by Springer-Verlag (formatting instructions are available at <http://www.springer.de/comp/lncs/authors.html>) in their Lecture Notes in Artificial Intelligence series.

Topics of interest

Adaptive Control	Description Logics	Knowledge Management
Ambient Intelligence	Distributed Problem Solving	Knowledge Processing
Application to Design	Evolutionary Algorithms	Machine Learning
Applications to	Expert Systems	Meta-heuristics
Manufacturing	Financial Applications	Model-based Reasoning
Argumentation Systems	Genetic Programming	Multi-Agent Systems
Bayesian Networks	Heuristic Search	Natural Language Processing
Autonomous Agents	Human Robot Interaction In-	Neural Networks
Bio-informatics	tegration Systems for Real	Non-Monotonic Logics
Case-based Reasoning	Life Applications	Planning and Scheduling
Chance Discovery	Intelligent Interfaces	Reasoning under Uncertainty
Cognitive Modeling	Intelligent Systems	SAT
Computer Animation	Intelligent Systems in	Social Networks Applications
Computer Vision	Education	Soft Computing
Constraint Satisfaction	Internet Applications	Spatial Reasoning
Conversational Informatics	Interaction Planning and	Speech Recognition
Data Mining	Scheduling	Web Semantics and Ontolo-
Decision Support Systems	KBS Methodology	gies

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IMPORTANT DATES

Paper submission due **Nov 23, 2016**
Notification of acceptance **Feb 6, 2017**
Final camera ready form **Feb 25, 2017**
Conference date **Jun 17-21, 2017**