

IEA/AIE 2016



The 29th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems

August 2-4, 2016, Morioka, Japan

<http://ieaaie2016.iwate-pu.net>

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Scope: IEA/AIE 2016 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. IEA/AIE-2016 will include oral presentations, invited speakers, and special sessions.

Authors are invited to submit their papers in English of up to 12 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. Referees will be asked to nominate papers for a Best Paper Award to be announced at the conference. All papers will be automatically considered for publication in an expanded form in selected international journals.

Topics of interest

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| Adaptive Control | Decision Support Systems | Knowledge Processing |
| Ambient Intelligence | Evolutionary Algorithms | Machine Learning |
| Application to Design | Expert Systems | Meta-heuristics |
| Applications to Manufacturing | Financial Applications | Medical Diagnosis Systems |
| Autonomous Agents | Genetic Programming | Model-based Reasoning |
| Bio-informatics | Heuristic Search | Multi-Agent Systems |
| Big Data | Human Robot Interaction | Natural Language Processing |
| Case-based Reasoning | Industry-4 Cyber systems | Neural Networks |
| Chance Discovery | Integration Systems for Real Life Applications | Planning and Scheduling |
| Cloud Computing | Intelligent Interfaces and HCI | Reasoning under Uncertainty |
| Cognitive Modeling | Intelligent Systems | Social Networks Applications |
| Computer Vision | Intelligent Systems in Education | Soft Computing |
| Constraint Satisfaction | Internet Applications | Spatial Reasoning |
| Conversational Informatics | Interaction Planning and Scheduling | Speech Recognition |
| Cyber physical Systems | Knowledge-Based Systems | Temporal Reasoning |
| Data Mining | | |

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IMPORTANT DATES

Paper submission due date:

~~Jan 6, 2016~~
Jan 28, 2016

Notification of acceptance:
Mar 15, 2016

Final camera ready form
Apr 15, 2016

Conference date



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Iwate Prefectural University