



AI Conference Reports

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This section features brief reports from recent events sponsored or run in cooperation with ACM SIGAI.

The 16th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2017)

Sao Paulo, Brazil, May 8-12, 2017

www.aamas2017.org

AAMAS 2017 was a success overall, with a strong technical program and a healthy number of 410 attendees. The first two days of the conference were dedicated to workshops, tutorials and the doctoral consortium. There were 18 workshops (2 two-day workshops, 10 one-day workshops, and 6 half-day workshops) and 9 tutorials (all half-day). The main conference program ran from May 10-12. The main conference featured 5 sessions with 6 parallel tracks in each session, 4 poster and demonstration sessions, 3 keynotes by Ana Bazzan (Federal University of Rio Grande do Sul, Brazil), Julie Shah (MIT), and Jeff Schneider (Uber ATG and CMU), and two award talks by David Parkes (Harvard) and Nisarg Shah (University of Toronto). The general technical quality of the papers was high, and certainly comparable to previous AAMAS conferences. In total, 567 papers were submitted for review. Of these papers, 155 were accepted for presentation as full papers. This resulted in an acceptance rate of 27%. The workshop and tutorial program was well attended with 74% of conference participants attending at least one day of the workshop/tutorial program. The next edition of the conference, [AAMAS 2018](#), will be held as part of the Federated AI Meeting (in Stockholm, Sweden, July 10-15, 2018).

International Joint Conference on Rules and Reasoning (RuleML+RR 2017) London, UK, July 12-15, 2017

2017.ruleml-rr.org/

In 2017 the two events RuleML (International Web Rule Symposium) and RR (Reasoning

and Rule Systems) came together to form the first RuleML+RR event. The event was co-located with the 13th Reasoning Web Summer School, DecisionCAMP, and the 31st British International Conference on Databases, and was attended by 122 delegates. RuleML+RR 2017 provided a rich programme of four tutorials, three keynote talks, and technical paper sessions, together with several sub-events, including a Doctoral Consortium, the 11th International Rule Challenge, an Industry Track, and a Poster session. In total the conference included 14 research papers selected from 38 submissions. The Rule Challenge consisted of 5 presentations and demos, in diverse areas, such as traffic management, health insurance, diabetes counselling support, anomaly detection, and translation from (controlled) English to rules. As well as the Doctoral Consortium best paper award, there were awards for the best paper, the Rule Challenge, and the best poster. The conference included a fascinating after dinner speech given by Bob Kowalski (Imperial College London) titled “Logic and AI – The Last 50 Years” which can be viewed [online](#). The next edition of the event, RuleML+RR 2018, will be held in Luxembourg, September 18-21, 2018.

The 10th International Joint Conference on Biomedical Engineering Systems and Technologies (BIOSTEC 2017)

Porto, Portugal, February 21-23, 2017

www.biostec.org/?y=2017

BIOSTEC 2017 received 312 paper submissions from 56 countries, of which 71 papers were accepted as full papers and 128 papers were accepted as short papers (71 with oral presentation and 57 with poster presentation). The resulting “full?paper” acceptance rate of about 23% and the total oral presentation acceptance rate close to 45% demonstrate the organizers’ intention of preserving a high quality forum for the next editions of this conference. The program included four invited talks delivered by internationally

distinguished speakers: Bart M. ter Haar Romeny, (Eindhoven University of Technology, Netherlands), Kristina Höök (Royal Institute of Technology, Sweden), Bethany Bracken (Charles River Analytics, United States), Hugo Plácido da Silva (Institute of Telecommunications and PLUX Wireless Biosignals, Portugal). BIOSTEC 2017 also featured a panel session on “Biomedical’s future: Do we need a SWOT analysis?” and a European Project Space session on “Biomedical Systems and Technologies”. The next edition of the conference, [BIOSTEC 2018](#), will be held during January 19-21 in Funchal, Madeira, Portugal.

The 30th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE-2017)

Arras, France, June 25–30, 2017

www.cril.univ-artois.fr/ieaaie2017/

IEA/AIE-2017 continued the tradition of previous events in terms of emphasizing research advances on new and innovative intelligent systems methodologies and their applications in solving complex real life problems. In this 30th year, we received 180 papers for the main and special tracks, and accepted 70 papers as full papers and 45 papers as short papers. The conference greatly benefited from invited talks by three world-leading researchers in applied artificial intelligence, Jian J. Zhang (Bournemouth University, UK), Umberto Straccia (CNR-ISTI, Italy), and Leendert van der Torre (University of Luxembourg). In addition to the main track, the conference included special tracks on Agronomy and Artificial Intelligence, Anomaly Detection, Applications of Argumentation, Conditionals and Non-monotonic Reasoning, De Finettis Heritage in Uncertainty and Decision-Making, Graphical Models: From Theory to Applications, Innovative Applications of Textual Analysis Based on AI, and Intelligent Systems in Health Care and mHealth for Health Outcomes. IEA/AIE-2017 also organized nine poster sessions, and two workshops, one on ASP Technologies for Querying Large-Scale Multiple-Source Heterogeneous Web Information, and one on Computer Animation and Artificial Intelligence.

The 9th International Conference on Agents and Artificial Intelligence (ICAART 2017)

Porto, Portugal, February 24-26, 2017

www.icaart.org/?y=2017

ICAART 2017 received 158 paper submissions from 45 countries of which 42 papers were accepted as full papers and 75 papers as short papers (35 for oral presentation and 40 posters). The resulting full paper acceptance rate of about 26% and the total oral paper presentation acceptance rate close to 50% show the intention of preserving a high quality forum for the next editions of this conference. Apart from paper and poster presentations, the ICAART 2017 program included four invited talks delivered by internationally distinguished speakers, Vanessa Evers (University of Twente, Netherlands), João Leite (Universidade Nova de Lisboa, Portugal), Nuno Lau (Universidade de Aveiro, Portugal), and Francesca Rossi (IBM, United States and University of Padova, Italy). ICAART 2017 also featured a panel session on “How Computers View and Measure Ethical Decisions by Intelligent People” and a European Project Space Panel on “Intelligent Systems and Technologies”. The next edition of the conference, [ICAART 2018](#), will be held in conjunction with [ICPRAM 2018](#) in Funchal, Madeira, Portugal, from February 16 to 18, 2018.



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