AI Events

Michael Rovatsos (University of Edinburgh; mrovatso@inf.ed.ac.uk)

This new column provides information about recent and upcoming events that are relevant to the readers of *AI Matters*, including those supported by SIGAI. In an effort to provide concise summaries, we have abridged the descriptions provided by the organizers at the respective event web sites. We would love to hear from you if you are are organizing an event and would be interested in cooperating with SIGAI, or if you have announcements relevant to SIGAI. You can find out more about conference sponsorship and support at sigai.acm.org/activities/requesting_sponsorship.html.

The 16th International Conference on Artificial Intelligence and Law (ICAIL 2017) *London, UK, June 12-16, 2017*
http://nms.kcl.ac.uk/icail2017

The ICAIL conference is the primary international conference addressing research in Artificial Intelligence and Law, and has been organized biennially since 1987 under the auspices of the International Association for Artificial Intelligence and Law (IAAIL). ICAIL provides a forum for the presentation and discussion of the latest research results and practical applications; it fosters interdisciplinary and international collaboration. The conference will feature a main track for technical papers, a demonstration track, workshops, tutorials, a doctoral consortium and best paper prizes.

International Joint Conference on Rules and Reasoning (RuleML+RR 2017), *London, UK, June 12-16, 2017*
http://2017.ruleml-rr.org

RuleML+RR 2017 is the leading international joint conference in the field of rule-based reasoning, and focuses on theoretical advances, novel technologies, as well as innovative applications concerning knowledge representation and reasoning with rules. Stemming from

the synergy between the well-known premier RuleML and RR events, one of the main goals of this conference is to build bridges between academia and industry. RuleML+RR 2017 aims to bring together rigorous researchers and inventive practitioners, interested in the foundations and applications of rules and reasoning in academia, industry, engineering, business, finance, healthcare and other application areas. It will provide a forum for stimulating cooperation and cross-fertilization between the many different communities working on rule-based systems.

The 14th International Conference on Informatics in Control, Automation and Robotics (ICINCO'17)
Madrid, Spain, July 26-28, 2017
http://www.icinco.org

The purpose of the 14th International Conference on Informatics in Control, Automation and Robotics is to bring together researchers, engineers and practitioners interested in the application of informatics to Control, Automation and Robotics. Four simultaneous tracks will be held, covering Intelligent Control Systems, Optimization, Robotics, Automation, Signal Processing, Sensors, Systems Modelling and Control, and Industrial Informatics. Informatics applications are pervasive in many areas of Control, Automation and Robotics. This conference intends to emphasize this connection.

International Conference on the Foundations of Digital Games (FDG '17) *Cape Cod, USA, August 14-17, 2017*
http://fdg2017.org

The International Conference on the Foundations of Digital Games (FDG) is a major international event that seeks to promote the exchange of information concerning the foundations of digital games, technology used to develop digital games, and the study of digital

games and their design, broadly construed. The goal of the conference is the advancement of the study of digital games, including but not limited to new game technologies, critical analysis, innovative designs, theories on play, empirical studies, and data analysis. FDG 2017 will include presentations of peer-reviewed papers, invited talks by high-profile industry and academic leaders, panels, workshops, and posters. The conference will also host a game competition, tech demo session, and a doctoral consortium.

The Taboo Challenge Competition
Melbourne, Australia, August 21, 2017
http://www.essence-network.com/challenge

This challenge competition, presented as a workshop at IJCAI 2017, is based on developing a computer program capable of guessing the name of a city from simple textual hints. The hints provided by the system were gathered from online games successfully played by humans, in order to ensure that hints resemble those produced using human intelligence and that the games are solvable. Guesser agents are evaluated over a predefined set of evaluation games. The competition is open to everyone, researchers, students, developers, and general AI enthusiasts from around the world. Attractive cash awards and an invitation to attend IJCAI in Melbourne await the winners!
Submission deadline: June 10, 2017.

International Conference on Web Intelligence (WI'17)
Leipzig, Germany, August 23-26, 2017
http://webintelligence2017.com

Web Intelligence (WI) aims to achieve a multidisciplinary balance between research advances in theories and methods usually associated with Collective Intelligence, Data Science, Human-Centric Computing, Knowledge Management, and Network Science. It is committed to addressing research that both deepens the understanding of computational, logical, cognitive, physical, and social foundations of the future Web, and enables the development and application of technologies based on Web intelligence. WI17 features high-quality, original research papers and real-world applications in all theoretical and technology areas that make up the field of WI.

The 11th ACM Conference on Recommender Systems (RecSys 2017)
Como, Italy, 27-31 August 2017
http://recsys.acm.org/recsys17

The ACM Recommender Systems conference (RecSys) is the premier international forum for the presentation of new research results, systems and techniques in the broad field of recommender systems. Recommendation is a particular form of information filtering, that exploits past behaviors and user similarities to generate a list of information items that is personally tailored to an end-users preferences. RecSys 2017, the eleventh conference in this series, will be held in Como, Italy. It will bring together researchers and practitioners from academia and industry to present their latest results and identify new trends and challenges in providing recommendation components. In addition to the main technical track, RecSys 2017 program will feature keynote and invited talks, tutorials covering state-of-the-art in this domain, a workshop program, an industrial track and a doctoral symposium.

Workshop on Hybrid Human-Machine Computing (HHMC 2017)
Guildford, UK, September 20-21, 2017
http://hhmc2017.commando-humans.net

When we talk about "computing" we often mean computers do something (for humans), but due to the more and more blurred boundary between humans and computers, this old paradigm of "computing" has changed drastically toward hybrid human-machine computing world where both humans and machines are working with and for each other. The main goals of the workshop are to bring researchers working in different disciplines but with common research interests together for exchanging research ideas, and to promote interdisciplinary collaborations and experience sharing between different subjects.
Submission deadline: May 31, 2017

The 4th international Workshop on Sensor-based Activity Recognition and Interaction (iWOAR '17) *Rostock, Germany, September 21-22, 2017*
http://iwoar.org

Systems aiming to provide the user with assistance or to monitor their behavior and condition rely heavily on sensors and the activities and interactions that they can recognize. The objective of iWOAR'17 is to discuss these challenges and possible solution approaches. The workshop focuses on: sensors, sensor infrastructures, and sensing technologies needed to detect user behaviors and to provide relevant interactions between systems and users; data and model-driven methods for intelligent monitoring and user assistance that supports users in everyday settings; novel applications and evaluation studies of methods for intelligent monitoring of everyday user behavior and user assistance using sensing technologies; intelligent methods for synthesizing assistance and interaction strategies using sensing technologies.
Submission deadline: June 15, 2017

Workshop on Interaction-Based Knowledge Sharing (WINKS)
Bolzano, Italy, September 21-23, 2017
http://www.iiia.csic.es/winks

This workshop is dedicated to challenges and solutions to knowledge sharing in interaction-based environments, ranging from the Internet of Things to multi-agent systems. Distributed systems increase the need for dynamic interactive knowledge sharing, while at the same time an increasing heterogeneity of resources renders this process more complex. The highly interdisciplinary workshop will involve discussions on requirements and suggestions to endow computational models with knowledge sharing capabilities in interactive scenarios. It will be part of the Third Joint Ontology Workshop (JOWO) (www.iaoa.org/jowo/JOWO-2017).
Submission deadline: July 17, 2017.

The Data Institute San Francisco Conference (DSCO17) *San Francisco, USA, October 15-17, 2017*
http://www.sfdatainstitute.org/conference.html

Deep learning has in recent years become the state of the art technique for a wide variety of computer vision and NLP problems, and produced breakthrough results in area like drug discovery, atomic physics, and dermatology. Topics can cover any development related to deep learning, such as: Training methods such as optimization algorithms and variational inference; regularization techniques; novel and/or highly impactful applications; architectural innovations; generative methods; model interpretability and visualization. As an academic conference, the committee is looking for technical talks, but are also trying to make the conference more accessible than most, so that more people can enjoy a wider range of talks. Therefore, we are asking people to spend some time thinking about how best to present their topic to a technical audience of people who may not necessarily be experts in the specific area of the talk. The goal here is to increase the level of collaboration between academia and industry.

The 9th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K'17) *Funchal, Portugal, November 1-3, 2017*
http://www.ic3k.org

The purpose of the IC3K is to bring together researchers, engineers and practitioners on the areas of Knowledge Discovery, Knowledge Engineering and Knowledge Management. IC3K is composed of three co-located conferences, each specialized in at least one of the aforementioned main knowledge areas: KDIR, the 9th International Conference on Knowledge Discovery and Information Retrieval, KEOD, the 9th International Conference on Knowledge Engineering and Ontology Development, and KMIS, the 9th International Conference on Knowledge Management and Information Sharing.
Submission deadline: June 12, 2017

Michael Rovatsos is the Conference Coordination Officer for ACM SIGAI, and a faculty member of the School of Informatics at the University of Edinburgh, UK. His research in in multiagent systems, social computation, and human-friendly AI. Contact him at mrovatso@inf.ed.ac.uk .