This section features information about upcoming events relevant to the readers of AI Matters, including those supported by SIGAI. We would love to hear from you if you are organizing an event and would be interested in cooperating with SIGAI. For more information about conference support visit sigai.acm.org/activities/requesting_sponsorship.html.

The 4th IEEE International Conference on Artificial Intelligence and Virtual Reality (IEEE AIVR 2021)
Taichung, Taiwan, November 15-17, 2021

IEEE AIVR 2021 is an event addressing researchers and industries from all areas of AI as well as virtual, augmented, and mixed reality. It provides an international forum for the exchange between those fields, to present advances in the state of the art, identify emerging research topics, and together define the future of these exciting research domains. The conference will feature a main track for technical papers, a track for special session papers, a demos and videos track, workshops, posters, and work-in-progress presentations. The research contributions focus on a variety of topics including but not limited to: systems, including techniques, performance, and implementation; content creation and modeling; cognitive aspects, perception, user behaviour; AI technologies for VR/AR; interactions/interactive and responsive environments; applications and use cases; and ethical and societal aspects of AI and VR/AR.

Due to the prevailing COVID-19 situation, AIVR will be conducted as a hybrid event. The conference will be held in Taichung, Taiwan, and for those who are unable to attend in person, the event will also have an online presence. Please refer to the conference website for more details on registration to the program.

The 5th ACM Computer Science in Cars Symposium (CSCS 2021)
Ingolstadt, Germany, November 30, 2021

As the ACM’s flagship Car IT event, CSCS 2021 intends to bring together the likes of scientists, engineers, business representatives, and others who share a passion for solving the myriad of complex problems of in-vehicular technology and its application in automation, driver/vehicular safety, and driving system security. The symposium facilitates a common platform to discuss and present groundbreaking ideas in these fields. Along with the presentation of papers in related fields, CSCS also presents opportunities for networking amongst individuals to promote brainstorming on problems and to create new designs and solutions. The theme of the conference for this year is Artificial Intelligence and Security for Autonomous Vehicles.

The conference seeks submission of contributions from key areas related to autonomous vehicles and driving including: robust algorithms; driver and interior monitoring; interpretable and explainable deep neural networks; secure in-vehicle communication and lightweight cryptographic protocols; and automotive security monitoring.

Submission deadlines: Full Papers: September 17, 2021; Extended Abstracts: October 15

The 10th International Joint Conference on Knowledge Graphs (IJCKG 2021)
Bangkok, Thailand, December 6-8, 2021

IJCKG is a premium academic forum on knowledge graphs. The mission of IJCKG 2021 is to bring together international researchers in the community and other related areas to present their innovative research results or novel applications of knowledge graphs. Topics of interest include: representation learning for knowledge graphs;
knowledge graph embeddings; graph processing frameworks; graph algorithms and analytics; ontologies and reasoning; and knowledge graphs for explainable AI, among others.

This year, the conference will be held as a hybrid event in Bangkok and online. IJCKG has evolved from the Joint International Semantic Technology Conference (JIST): a joint event for disseminating research results related to semantic web, knowledge graphs, linked data and AI on the web.

Submission deadlines: Abstracts: September 24, 2021; Full Papers: September 30

The 20th IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology (WI/IAT 2021)
Melbourne, Australia, December 14-17, 2021

WI-IAT 2021 provides a premier international forum to bring together researchers and practitioners from diverse fields for presentation of original research results and exchange, and dissemination of innovative and practical development experiences on web intelligence and intelligent agent technology research and applications. The conference aims to achieve a multi-disciplinary balance between research advances in theories and methods usually associated with collective intelligence, data science, human-centric computing, knowledge management, network science, autonomous agents, and multi-agent systems.

The conference will be conducted as a hybrid event with both offline and online modes to facilitate participants who are unable to physically attend. Please refer to the conference website for more details on registration to the program.

The 11th International Conference on Pattern Recognition Applications and Methods (ICPRAM 2022)
Online Conference, February 3-5, 2022

ICPRAM is a major networking event facilitating collaborations between researchers, engineers, and practitioners working in the areas of pattern recognition and machine learning, both from theoretical and application perspectives. Contributions describing applications of pattern recognition techniques to real-world problems, interdisciplinary research, experimental and/or theoretical studies yielding new insights that advance pattern recognition methods are especially encouraged in the conference.

Papers describing original work are invited in areas related to theory and methods, and applications including (but not limited to): machine learning methods; shape representation; signal processing; evolutionary computation; robotics; virtual environments; biometrics; and medical imaging.


The 14th International Conference in Agents and Artificial Intelligence (ICAART 2022)
Online Conference, February 3-5, 2022

The purpose of ICAART 2022 is to bring together researchers, engineers, and practitioners interested in the theory and applications in the areas of agents and artificial intelligence. Two simultaneous related tracks will be held, covering both applications and current research work. Track one focuses on agents, multi-agent systems and software platforms, distributed problem solving and distributed AI in general. Track two focuses mainly on artificial intelligence, knowledge representation, planning, learning, scheduling, perception reactive AI systems, and evolutionary computing and other topics related to intelligent systems and computational intelligence.

Due to the prevailing pandemic situations, ICAART will be held as a virtual conference with the opportunity for the participants to present their research online.

Submission deadlines: Regular Papers: October 6, 2021; Position Papers: October 29, 2021
The 27th Annual Conference on Intelligent User Interfaces (IUI 2022)
Helsinki, Finland, March 22-25, 2022

ACM IUI 2022 is the 27th annual meeting of the intelligent interfaces community and serves as a premier international forum for reporting outstanding research and development on intelligent user interfaces. The conference facilitates discussion and dissemination of research on the design, development, and evaluation of human-oriented AI systems. It supports a multidisciplinary approach to research and innovation by bringing together researchers and practitioners from the fields of human-computer interaction (HCI), artificial intelligence (AI), machine learning (ML), and others.

IUI requests contributions from researchers working in the areas of HCI and AI as well as contributions from related fields, such as psychology, behavioral science, cognitive science, computer graphics, design, and the arts.

Submission deadlines: Abstracts: October 1, 2021; Full Papers: October 8, 2021

International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2022)
Auckland, New Zealand, May 9-13, 2022

AAMAS is the largest and most influential conference in the area of agents and multi-agent systems. The aim of the conference is to bring together researchers and practitioners in all areas of agent technology and to provide a single, high-profile, internationally renowned forum for research in the theory and practice of autonomous agents and multi-agent systems. It is the flagship conference of the non-profit International Foundation for Autonomous Agents and Multi-agent Systems (IFAAMAS).

Submissions are sought from multiple areas of interest including: coordination, organisations, institutions, and norms; learning and adaptation; modelling and simulation of societies; robotics; and innovative applications, among others.

Submission deadlines: Abstracts: October 1, 2021; Full Papers: October 8, 2021

The 35th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE 2022)
Kitakyushu, Japan, July 19-22, 2022

IEA/AIE 2022 continues the tradition for the 35th year, of emphasizing on applications of applied intelligent systems to solve real-life problems in all areas including engineering, science, industry, automation and robotics, business and finance, medicine and biomedicine, bioinformatics, cyberspace, and human-machine interactions.

The areas of interest for contributions include: adaptive control, autonomous agents, ambient intelligence, games, human robot interactions, machine learning, privacy preserving data mining, swarm intelligence, and ontologies, among a variety of topics.

Submission deadline: December 15, 2021

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