



Events

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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 6th ACM Computer Science in Cars Symposium (CSCS 2022)

University Ingolstadt, Germany, December 8, 2022

<https://acm-cscs.org/>

CSCS 2022 brings together the likes of scientists, engineers, business representatives, and everyone who shares a passion for solving the myriad of complex problems of vehicular technology and its application in automation, driver/vehicular safety, and driving system security. In particular, it is a forum for discussing the latest developments in the context of security and privacy for autonomous vehicles and bringing together researchers and practitioners. Along with the presentation of papers for research in these fields, the conference also presents opportunities for networking amongst individuals to promote brainstorming on problems and to create new designs and solutions.

For information on registering, please refer to the conference website.

The 16th International Joint Conference on Biomedical Engineering Systems and Technologies (BIOSTEC 2023)

Lisbon, Portugal, February 16-18, 2023

<https://biostec.scitevents.org/>

The focus of BIOSTEC 2023 is to bring together researchers and practitioners, including engineers, biologists, health profession-

als and informatics/computer scientists, interested in both theoretical advances and applications of information systems, artificial intelligence, signal processing, electronics and other engineering tools in knowledge areas related to biology and medicine. The conference is composed of five co-located conferences, each specialised in a different knowledge area.

The conference also facilitates a workshop on Best Practices for Scaling-Up Digital Innovations in Healthcare and special sessions on Engineering and Fabrication of Biocompatible and Bioinspired Materials; Machine Learning and Deep Learning for Preventive Healthcare and Clinical Decision Support; Wearable HealthCare; Healthcare Decision Support Systems Modelling and Development; and European Regulations for Medical Devices, among other tutorials, demos, and panel discussions.

Submission deadlines: Late-Breaking: December 15, 2022; Special Session: December 21, 2022; Doctoral Consortium: January 2, 2023; Abstracts Track: January 2, 2023

The 15th International Conference on Agents and Artificial Intelligence (ICAART 2023)

Lisbon, Portugal, February 22-24, 2023

<https://icaart.scitevents.org/>

The purpose of ICAART 2023 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. One track focuses on Agents, Multi-Agent Systems and Software Platforms, Distributed Problem Solving and Distributed AI in general. The other track focuses mainly on Artificial Intelligence, Knowledge Representation, Planning, Learning, Scheduling, Perception Reactive AI Systems, and Evolutionary Computing, and other topics related to Intelli-

gent Systems and Computational Intelligence.

Submission deadlines: Conference Regular Papers: December 20, 2022; Conference Position Papers: January 9, 2023

The 12th International Conference on Pattern Recognition Applications and Methods (ICPRAM 2023)

Lisbon, Portugal, February 22-24, 2023

<https://icpram.scitevents.org/>

The International Conference on Pattern Recognition Applications and Methods is a major point of contact between researchers, engineers and practitioners on 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.

The conference will be held under two primary themes: theory and methods, and applications. Along with main conference submissions, proposals are also sought for tutorials, demos, and panel discussions.

Submission deadlines: Late-Breaking Papers: December 15, 2022; Doctoral Consortium Papers: January 2, 2023; Tutorial Proposals: January 13, 2023; Demo Proposals: January 13, 2023; Panel Proposals: January 13, 2023; Abstracts: January 2, 2023

The 18th Annual Conference on Human-Robot Interaction (HRI 2023)

Stockholm, Sweden, March 13-16, 2023

<https://humanrobotinteraction.org/2023/>

HRI 2023 is the 18th annual conference for basic and applied HRI research. Researchers from across the world are brought together to present their best work to HRI to exchange ideas about the theory, technology, data, and science furthering the state-of-the-art in the field. The conference theme for this year is "HRI for all" and will focus on key HRI theories, methods, designs, studies, and technical advances that aim to understand and promote inclusion and diversity in HRI.

Participation in HRI 2023 is encouraged via submission of full papers, late breaking reports, demos, videos, and workshops. Particularly, opportunities are provided for students and those new to the field to be involved through volunteering and participating in mentoring workshops.

The conference is organised as a hybrid event with opportunities to participate both in person and online.

Submission deadlines: Late-Breaking Reports: December 7, 2022; Videos and Demos: December 7, 2022; Student Design Competition: December 7, 2022;

The 18th Foundations of Digital Games Conference (FDG 2023)

Lisbon, Portugal, April 11-14, 2023

<http://fdg2023.org/>

FDG 2023 held in cooperation with ACM invites all research contributions in the form of papers, posters, demos, doctoral consortium applications, as well as panels, competitions, and workshop proposals. Contributions are sought from within and across any discipline committed to advancing knowledge on the foundations of games: computer science, engineering, mathematics, natural sciences, humanities, social sciences, arts, and design.

The theme for the 2023 conference is "New Beginnings" which is all about challenging current practices in user studies, game technology, game design and evaluation, reaching deeper understandings of user experiences, and fostering better representation and inclusivity in playable media. It also means valuing contributions such as surveys and meta-reviews of past work and can work as a framing for vision papers related to the current and future societal and cultural needs. The conference tracks for FDG 2023 include: Technical Game Development, Novel Controllers; Game Design, Studio Practices, Novel Mechanics, Novel Experiences; Game Analytics and Visualization; Game Artificial Intelligence; Game Criticism and Analysis; and Games Beyond Entertainment.

Submission deadlines: Late-Breaking: 27 January, 2023; Games/ Demos: 27 January, 2023; Doctoral Consortium: 27 January, 2023

The 3rd International Conference on Image Processing and Vision Engineering (IMPROVE 2023)

Prague, Czech Republic, April 21-23, 2023

<https://improve.scitevents.org/>

IMPROVE 2023 is focused on image processing and computer vision practical applications. It brings together researchers, engineers and practitioners working either in fundamental areas of image processing, developing new methods and techniques, including innovative machine learning approaches, as well as multimedia communications technology and applications of image processing and artificial vision in diverse areas.

The conference accepts papers describing original work in any of the six areas: Fundamentals; Methods and Techniques; Machine Learning; Multimedia Communications; Imaging; and Applications. Accepted papers, presented at the conference by one of the authors, will be published in the proceedings of IMPROVE with an ISBN. Special sessions, dedicated to case-studies as well as technical tutorials, focusing on particular technical/scientific topics, are also envisaged. All those interested in presenting product demonstrations or methodologies are invited to contact the conference secretariat.

Submission deadlines: Regular Papers: December 9, 2022; Position Papers: January 19, 2023; Doctoral Consortium: March 1, 2023



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