

COMMUNICATIONS

SECOND CALL FOR PAPERS

AIMSA 2020

The 19th International Conference on Artificial Intelligence: Methodology, Systems, Applications

Golden Sands resort, Varna, Bulgaria, 7-9 September 2020

www.aimsaconference.org

Initiated in 1984, the biennial Artificial Intelligence: Methodology, Systems, Applications (AIMSA) conference is a premier single-track forum for exchanging information and research results on theory and principles of Artificial Intelligence (AI) along with real-world applications of intelligent system technology. The conference traditionally brings together researchers and practitioners in all areas of AI from both the academia and industry to meet and share their ideas and experiences and learn about the recent trends and developments in contemporary AI.

The 19th edition of AIMSA will be held in the beautiful Golden Sands resort near Varna, Bulgaria. With its mild climate and excellent opportunities for outdoor activities, water sports and gastronomy, Golden Sands promise to be a wonderful venue for a memorable conference.

TOPICS

The conference welcomes submissions of original, high quality papers in all areas of Artificial Intelligence, including (but not limited to) traditional topics such as the algorithms, implementations and (or) real-world applications of knowledge discovery, data mining, machine learning, evolutionary computing, pattern recognition, search, reasoning, planning, natural language processing, intelligent agents, multiagent systems, robotics and sensing, etc.

All submissions will be subject to a single-blind academic peer review by at least two members of the program committee. Selection criteria include accuracy and originality of ideas, clarity and significance of results, and quality of presentation.

For each accepted paper, at least one author is required to register and attend the conference to present the paper.

The author(s) of the best paper (which will be selected based on the votes of the attendees) of the conference will receive the Best Paper Award during the conference.

**PROGRAMME COMMITTEE
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IMPORTANT DATES

Submission deadline:	17 May 2020
Notification of acceptance:	14 June 2020
Deadline for camera-ready:	26 July 2020
Conference:	7-9 September 2020

PROCEEDINGS

Traditionally, the proceedings of AIMSAs conference series are published by Springer in their **Lecture Notes in Artificial Intelligence** subline of the Lecture Notes in Computer Science series. Extended versions of AIMSAs 2020 selected papers will be published by MDPI, Switzerland, in a **special issue of Information** (ISSN 2078-2489) – an Open Access Journal of Information Science (SJR: 0.222).

LOCATION

Golden Sands is a modern resort with traditions, and history going back 50 years. A unique blend of lovely nature park, warm sea, and fine golden sand! Golden Sands is the winner of a “Blue Flag” – a prestigious international award for environmentally clean resorts.

ORGANISERS

Bulgarian Artificial Intelligence Association
Institute of Information and Communication Technologies at the Bulgarian Academy of Sciences (IICT – BAS)