27th International Multiconference Information Society

Jožef Stefan Institute, Jamova cesta 39, Ljubljana, Slovenia

SLOVENIAN CONFERENCE ON ARTIFICIAL INTELLIGENCE 2024

Jožef Stefan Institute　　　　　　　　　　**10 October 2024**

Conference topics

Slovenian Conference on Artificial Intelligence and its predecessor *Intelligent Systems* are traditional conferences at the Information Society multiconference. Information technology is transforming the global and the Slovenian society, and artificial intelligence is becoming the key driver of this transformation. It is clear that artificial intelligence has the potential do dramatically change the economic landscape, tackle many societal challenges, and bring about a brighter future. However, as any powerful technology it has its downsides and dangers, so it has to be developed and applied judiciously. The conference addresses artificial intelligence, intelligent systems and their applications in the information society. It seeks to present state-of-the-art methods and applications to real-life problems. It also wishes to be a forum for discussion of the role of artificial intelligence in the society, what the future is likely to bring, and how to steer technological development and policy so that we enjoy the most benefits and the least downsides of artificial intelligence intelligence.

The conference will focus on the following topics:

- Artificial intelligence
- Intelligent systems
- Machine learning
- Data mining
- Language models and technologies
- Intelligent agents
- Decision support systems
- Computational intelligence
- Ambient intelligence

- The impact of artificial intelligence on the society
- Policy related to artificial intelligence
- Ethical and legal perspectives
- Intelligent systems in:
  - Health
  - Industry
  - Science and research
  - Education
  - Government
  - and other areas

Instruction for authors

We call for papers on the topics of the conference, which should be accessible to a relatively wide audience. We welcome contributions from the academia and industry. The papers should not exceed four pages, and should preferably be written in English, although Slovene papers are also accepted. Template files are available on the conference submission page. The papers should be submitted here. They will be reviewed by the Programme Committee. The accepted papers will be published in the conference proceedings and presented at the conference. An award will be given to the best paper selected by the Programme Committee. Extended versions of selected papers will be invited to the Informatica journal.

Conference programme and participation

To enable everyone interested to attend, the conference will be hybrid, taking place live and remotely, for presenters and participants. The presentations will be organised in sessions depending on the papers' topic and language. By default, the presentations shall be given in English. The time allocated for each presentation will be 15–20 minutes (including discussion). In addition to the regular conference sessions, we also plan to have a keynote talk by a prominent researcher, which will be announced later.

Important dates

1 September 2024: submission deadline
15 September 2024: acceptance notification
22 September 2024: deadline for revised camera-ready paper

Programme committee

Mitja Luštrek (co-chair)	Aleš Dobnikar	Niko Schlamberger
Matjaž Gams (co-chair)	Erik Dovgan	Tomaž Seljak
Rok Piltaver (co-chair)	Bogdan Filipič	Peter Stanovnik
Cene Bavec	Borka Jerman Blažič	Damjan Strnad
Marko Bohanec	Marjan Krisper	Miha Štajdohar
Marko Bonač	Marjan Mernik	Vasja Vehovar
Ivan Bratko	Biljana Mileva Boshkoska	Martin Žnidaršič
Bojan Cestnik	Vladislav Rajkovič	

In cooperation with

SLAIS, Slovenian Artificial Intelligence Society
ACM Slovenia
Slovenian Society Informatika
IAS, Slovenian Academy of Engineering Science

Further information

Further information is available at http://is.ijs.si. Questions regarding the programme and papers should be addressed to mitja.lustrek@ijs.si, and questions regarding organisation to is@ijs.si or +386 1 477-3355.

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