

INFORMATION SOCIETY 2020



Jožef Stefan Institute, Ljubljana, Slovenia

5 – 9 October 2020

Slovenian Conference on Artificial Intelligence 2020

A conference of the 23rd International Multiconference Information Society 2020

6 October 2020

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 world and the Slovenian society, which was felt even more strongly than usual this year due to COVID-19 isolation. While artificial intelligence is already an integral part of information technology, its impact and importance are increasing. The conference addresses artificial intelligence, intelligent systems and their applications in the information society. It seeks to present state-of-the-art methods and their development, as well as applications to real-life problems. In addition to technical issues, it also addresses the impact of artificial intelligence on the society, its perspectives, advantages and disadvantages.

The conference will focus on the following topics:

- Artificial intelligence
- Intelligent systems
- Machine learning
- Data mining
- Intelligent agents
- Decision support systems
- Computational intelligence
- Ambient intelligence
- Semantic web and ontologies
- The impact of artificial intelligence on the society
- Intelligent systems in:
 - The industry
 - Science and research
 - Health
 - Education
 - Banking and insurance
 - Government
 - Communication
 - ... and elsewhere

Instruction for authors

We call for papers on the topics of the conference, which can be academic or engineering, and should be accessible to a wide audience. The papers should not exceed four pages, and should be written in English or Slovene. Template files including formatting instructions are available on the conference [submission page](#) together with the paper submission form. The papers 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 presented to the best paper selected by the Programme Committee. Extended versions of selected papers from all Information Society conferences will be invited to the [Informatica](#) journal. This selection will be made jointly by the Programme Committee and Informatica editors

Conference programme and participation

This year's conference will be hybrid, happening live and remotely, for presenters and participants. The presentations will be organised in sessions depending on their topics and language. By default, the presentations shall be given in English. The time allocated for each presentation will be 15–20 minutes (including discussion). The duration of the conference will be adapted to the number of accepted papers.

Important dates

30 August 2020: submission deadline

13 September 2020: acceptance notification

20 September 2020: deadline for revised camera-ready papers

Programme committee

Mitja Luštrek (co-chair)

Matjaž Gams (co-chair)

Rok Piltaver (co-chair)

Marko Bohanec

Tomaž Banovec

Cene Bavec

Jaro Berce

Marko Bonač

Ivan Bratko

Dušan Caf

Bojan Cestnik

Aleš Dobnikar

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Tomaž Kalin

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Marjan Mernik

Vladislav Rajkovič

Ivo Rozman

Niko Schlamberger

Tomaž Seljak

Miha Smolnikar

Peter Stanovnik

Damjan Strnad

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Iztok Valenčič

Vasja Vehovar

Martin Žnidaršič

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 1 477-3644.