

INFORMATION SOCIETY 2018



Ljubljana, Slovenia

8–12 October 2018

Slovenian Conference on Artificial Intelligence 2018

A conference of the 21st International Multiconference Information Society 2018

11–12 October 2018

[Jožef Stefan Institute](#), [Ljubljana](#), [Slovenia](#)

Conference topics

Slovenian Conference on Artificial Intelligence is a successor of *Intelligent Systems*, a traditional conference at the [Information Society multiconference](#). Information technology is transforming the world and the Slovenian society, and it increasingly utilises artificial intelligence. The conference thus 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, opportunities and dangers.

More specifically, the conference will address the following topics:

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

Instruction for authors

The Program Committee calls 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 [here](#). Acceptable formats are MS Word (recommended) and LaTeX. Authors should submit papers by email to is@ijs.si. 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

Presentations will be organised in sessions depending on their topics and language. By default, the presentations shall be given in English. Time allocated for each presentation will be approximately 15 minutes (including discussion). On the first day of the conference, the Data Mining and Data Warehouses (SiKDD) conference will also be taking place, providing an opportunity for participants of one conference to attend the other and vice versa, since the conferences are thematically quite close.

Important dates

31 August 2018: Submission deadline

14 September 2018: Acceptance notification

21 September 2018: 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

Bogdan Filipič

Nikola Guid

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Peter Stanovnik

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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>, by e-mail is@ijs.si, phone +386 1 477-3644 or fax +386 1 477-3131.