

INFORMATION SOCIETY 2017



Ljubljana – Slovenia

9 – 13 October 2017

Slovenian Conference on Artificial Intelligence – IS2017

A conference of the 20th International Multiconference Information Society 2017

12–13 October 2017

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

* Conference topics

Slovenian Conference on Artificial Intelligence is a successor of the *Intelligent Systems*, being a traditional conference at the [Information Society multiconference](#). The conference addresses artificial intelligence, intelligent systems and their applications in the information society. Information technology is transforming the world and the Slovenian society, and it increasingly utilises artificial-intelligence methods. What are the state-of-the-art artificial-intelligence methods, how are they designed and developed, what are their areas of application and which problems can they solve? What is their practical experience? How do information society and artificial intelligence impact the society, what are their perspectives, advantages and disadvantages, opportunities and dangers?

The conference will address the following topics:

- Artificial intelligence
- Intelligent systems
- Machine learning
- Data mining
- Intelligent agents
- Decision systems and 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, 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 4 pages, and should be written in English or Slovene. Template files including the formatting instructions are available [here](#). The authors should submit papers by email to is@ijs.si. Acceptable formats are MS Word (recommended) and LaTeX. The papers will be reviewed by the Programme Committee. The accepted papers will be published in the conference proceedings.

Extended versions of the best papers will be invited to a special issue of the [Informatica](#) journal. The issue is on artificial intelligence, and is commemorating the 25th anniversary of the Slovenian Artificial Intelligence Society (SLAIS), 40th anniversary of the journal, and 20th anniversary of the IS multiconference. Only papers in English will be considered. The selection will be made jointly by the Programme Committee and the special-issue editors.

* Programme

An invited speaker will present state-of-the-art review of the field. The presentations will be organized in sessions depending on their topics and language of presentation. By default, the presentations will be given in English. Time allocated for each presentation will be approximately 10 minutes.

* Important dates

15 September 2017: Submission deadline

17 September 2017: Acceptance notification

19 September 2017: Deadline for revised camera-ready papers

* Programme committee

Mitja Luštrek, IJS (co-chair)
Matjaž Gams, IJS (co-chair)
Rok Piltaver, Celtra (co-chair)
Marko Bohanec, IJS
Tomaž Banovec, Statistični zavod
Cene Bavec, UP, FM
Jaro Berce, UL, FDV
Marko Bonač, ARNES
Ivan Bratko, UL, FRI in IJS
Dušan Caf, FIŠ

Bojan Cestnik, Temida
Aleš Dobnikar, CVI
Bogdan Filipič, IJS
Nikola Guid, FERI
Borka Jerman Blažič, IJS
Tomaž Kalin, DANTE
Marjan Krisper, FRI
Marjan Mernik, FERI
Vladislav Rajkovič, FOV
Ivo Rozman, FERI

Niko Schlamberger, Informatika
Tomaž Seljak, IZUM
Miha Smolnikar, IJS
Peter Stanovnik, IER
Damjan Strnad, FERI
Peter Tancig, RZ
Pavle Trdan, Lek
Iztok Valenčič, GZ
Vasja Vehovar, FDV
Martin Žnidaršič, IJS

* 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.