A traditional sub-conference of Information Society, this year 28 papers, 1 invited

Wide scope, addressing all aspects of Intelligent Information Systems:

Trends, perspectives, advantages and disadvantages, opportunities and threats, of the Information Society and Intelligent Systems

Chairs: Marko Bohanec and Matjaž Gams
Main Topics

- intelligent systems
- artificial intelligence
- intelligent agents
- data mining
- decision systems and decision support systems
- evolutioatay computing and genetic algorithms
- machine learning
- semantic Web and ontologies
- ambiental intelligence
- Internet and other "...nets"
- global information society trends
- intelligent systems and Slovenia

- Intelligent and Computer Systems in:
  - economy,
  - science, research and development,
  - education,
  - banking,
  - insurance,
  - medicine and health care,
  - government,
  - communication,
  - services,
  - ... and elsewhere.

Jožef Stefan Institute, Ljubljana, Slovenia
Intelligent Systems IS 2012
Programme

1. 12\textsuperscript{th} October: General section

Invited Lecture:

*Gerhard Friedrich:*

*Micro UAV routing for monitoring of disaster areas*

Other Topics (7 papers):

- machine learning, decision support, usability testing tools, 3D CAD systems
- Applications: CAD, industrial production, web page design, mobile devices

2. 10\textsuperscript{th} and 12\textsuperscript{th} October: Local sections

Research at the Jožef Stefan Institute, Department of Intelligent Systems

Topics (20 papers):

- optimization, language technologies, multi-agent systems, decision support, robot planning, activity recognition, ambiental intelligence, driving strategies, security applications, ...