

Intelligent Systems IS 2012

IS 2012

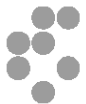
10th and 12th October, 2012

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
- evolutionary computing and genetic algorithms
- machine learning
- semantic Web and ontologies
- ambient 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.



Programme

1. 12th 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. 10th and 12th 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, ambient intelligence, driving strategies, security applications, ...

