



INVITED SESSION SUMMARY

Title of Session:

Pattern Recognition: Trends, Applications and Challenges

LAST EXTENDED DEADLINE FOR PAPER SUBMISSION 10 MAY 2017!

Notification of Acceptance: 20 May 2017

Final paper publication files: 26 May 2017

Authors registration deadline: 2 June 2017

Name, Title and Affiliation of Chair:

Chair:

Alessia Amelio, Ph.D., DIMES University of Calabria

Co-Chair:

Darko Brodić, Ph.D., Assistant Professor, University of Belgrade, Technical Faculty in Bor

Details of Session (including aim and scope):

This session includes pattern recognition techniques in machine learning and intelligent systems, their theoretical foundations, their applications and their main challenges in emerging technology.

Pattern recognition techniques on multimedia data, including images, videos and documents are welcome, as well as innovative pattern-based methods for natural language processing, web analysis, and social network analysis and mining. Pattern discovery for new challenges in environmental and health engineering are also encouraged.

Topics to be discussed (but not limited to):

- Pattern analysis on image, video and document repositories
- Visualization of patterns in multimedia data
- Pattern discovery in graph data
- Pattern recognition in natural language processing
- Combinatorial pattern matching and discovery in multidimensional data
- Pattern extraction for Internet and web interface analysis
- Community detection in social networks
- Pattern discovery on environmental data
- Classification of sensor data and measurements
- Pattern recognition in chemical and physical data
- Application of data mining techniques for health preservation
- Application of pattern recognition in medicine
- Application of pattern recognition in the industry

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

DIMES, University of Calabria, Italy

Technical Faculty in Bor, University of Belgrade, Serbia

Website URL of Call for Papers (if any):**Email & Contact Details:**

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