

The 11th International FLINS Conference on Decision Making and Soft Computing (FLINS2014)

August 17-20, 2014, João Pessoa (Paraíba), Brazil



Call for Papers

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Information and Enquiry

<http://www.de.ufpb.br/~flins2014/>
flins2014@de.ufpb.br

FLINS, an acronym originally for Fuzzy Logic and Intelligent Technologies in Nuclear Science, is now extended into a well-established international research forum to advance the foundations and applications of computational intelligence for applied research in general and for complex engineering and decision support systems. The principal mission of FLINS is bridging the gap between machine intelligence and real complex systems via joint research between universities and international research institutions, encouraging interdisciplinary research and bringing multi-discipline researchers together.

FLINS 2014 is the eleventh in a series of conferences on computational intelligence systems. The conference will be held in João Pessoa, the 2nd greenest city in the world, located in the Easternmost point of Americas. It follows the successful FLINS 1994 (Mol), FLINS 1996 (Mol), FLINS 1998 (Antwerp), FLINS 2000 (Bruges), FLINS 2002 (Gent), FLINS 2004 (Blankenberge), FLINS 2006 (Genova), FLINS 2008 (Madrid), FLINS 2010 (Chengdu), FLINS 2012 (Istanbul). FLINS 2014 will be again included in the ISI proceedings as previous ones. Special issues of SCI indexed journals will be devoted to a strict refereed selection of extended papers.

All accepted papers (oral and poster presentations) will be published as a book by World Scientific. Some selected papers will be published in the well-known international journals (**SCI or EI indexed**).

Special and Tutorial Sessions:

. Special Session on Support Systems in Sustainability and Environment; Special Session on Decision Making Using Hesitant Fuzzy Sets and Type-2 Fuzzy Sets; Special Session on Soft Computing Applications; Special Session on Prescriptive Analytics in Supply Chain Management; Special Session on Aggregation functions and applications; Special Session on Logic and Formal Methods with Applications; Special Session on Fuzzy logic in Boolean framework. Please, see details at http://www.de.ufpb.br/~flins2014/special_sessions.html.

. Doctoral Consortium on Soft Computing and Decision-Making. Please, see details at <http://www.de.ufpb.br/~flins2014/tutorials.html>.

The topics include, but not limited to:

Fuzzy Logic, Neural Networks, Genetic Algorithms and Evolutionary Programming, Probabilistic Computing, Hybrid Methods, Chaos Theory, Rough Set Theory, Evidence Theory, Interactive Computational Models, Artificial Intelligence and Expert Systems, Machine Learning, as well as their applications to Decision Support Systems, Process and System Control, System Identification and Modeling, Optimization, Signal and Image Processing, Pattern Recognition, Condition Monitoring, Fault Diagnosis, Systems Integration, Internet Tools, Human-Machine Interface, Time Series Prediction, Noise Analysis, Real Time Systems, Robotics, Virtual Reality, Telecommunications, E-Science and Technology, Data Mining, Data Visualization, Intelligent Information Retrieval, Autonomous Reasoning, Risk Analysis, Security and Safety Related Issues.

Important Dates

Full paper submission: **February 15, 2014 (extended)**

Acceptance notification: **March 10, 2014**

Final papers submissions: **April 10, 2014**

Final registration: **April 10, 2014**

Contact Information

If you have any doubt or need some information, please contact:

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FLINS2014 Organizing Chair

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Note: The detail information may be subject to change, please find the latest information via <http://www.de.ufpb.br/~flins2014/>