11th International FLINS Conference on Decision Making and Soft Computing

August 17 – 20, 2014, João Pessoa/PB, Brazil

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 Eastermost 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.

Topics of Interest (but not limited): 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, and machine learning, as well as their applications to decision support systems, process and system control, system identification and modelling, 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.

Proceedings: All accepted papers (oral and poster presentations) will be published as a book by World Scientific. If you would like to organize a special session at FLINS 2014, please contact local organizers at flins2014@de.ufpb.br.

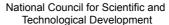See further info at http://www.de.ufpb.br/~flins2014