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Computers in Industry

Special Issue on: **Fuzziness in Industry & Applications**

Guest Editors

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Since its introduction to the research community by Lotfi Asker Zadeh, fuzzy theory gained a big acceptance both in academia and industry. In today's world, it is easy to see too many diverse applications of the fuzzy concept in science and industry. As everything improves, the fuzzy theory and its applications are also advancing to handle much more complicated problems of our lives. However, in many cases it is not easy to distinguish between problems which actually require a crisp or fuzzy approach in their modeling and solution. To tell the truth, the boundary between them is also uncertain. What types of problems really require modeling and solution through fuzzy logic? What are these problems and what is "fuzziness" in them? Without properly answering these fundamental questions, application of fuzzy sets and logic will probably not be very helpful in solving problems of industry. The topic for the special issue is therefore FUZZINESS IN INDUSTRY & APPLICATIONS. This special issue will mainly focus on the determination of industrial problems which can most suitably be handled through a fuzzy systems approach (i.e. fuzziness is their fundamental characteristics) and will provide a unique opportunity for providing the recent research on applications, practices, and methodologies of fuzzy sets and systems for handling emerging problems in industry. Authors are being invited primarily, but not exclusively, based on papers presented on the 1st International Fuzzy Systems Symposium (FUZZYSS'09) which will be held in Ankara, Turkey, October 1-2, 2009. It should once more be noted that this special issue will not be exclusive to the participants of the FUZZYSS'09. However, prospective authors for the special issue are strongly encouraged to participate in the FUZZYSS'09 (<http://www.fuzzysystemsassociation.org>). It is important to note that the special issue papers cannot contain more than 30% of the content of the corresponding symposium paper (as copyright issue).

Target Dates (tentative)

Submission Deadline:	January 30, 2010
Notification of the Initial Decision:	April 30, 2010
Notification of Acceptance:	July 30, 2010
Anticipated Publication:	The first slot of 2011

Submission Guidelines

Manuscripts should be prepared no more than 5000 words in length, with all contributions being subjected to a double blind review process. Quality and originality of the contribution are the main acceptance criteria. There should be a separate title page giving the names and addresses of the authors. Any references that reveal the identity of the authors should be removed. Manuscripts must be sent electronically to one of the guest editors no later than January 30, 2010, and should follow the guidelines of the *Computers in Industry*:

http://www.elsevier.com/wps/find/journaldescription.cws_home/505646/authorinstructions

Authors who are unsure about the suitability of their papers to the special issue theme should contact with the special issue editors through e-mail.

The manuscript should be emailed to:

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