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Center of Excellence in Intelligent Engineering Systems

CENTER OF EXCELLENCE IN INTELLIGENT ENGINEERING SYSTEMS

Speakers: Prof. Enrique Herrera-Viedma

Department of Computer Science and Artificial Intelligence,
University of Granada, Spain

HiCi, Distinguished Adjunct Professor,
King Abdulaziz University

Enrique Herrera-Viedma was born in Jódar, Spain, in 1969. He received the M.Sc. and Ph.D. degrees in computer science from the University of Granada, Granada, Spain, in 1993 and 1996, respectively. He is currently a Professor of Computer Science with the Department of Computer Science and Artificial Intelligence, University of Granada. Around 16 of his papers are classed as highly cited in the Thomson Reuters database as well as being in the top 1% of the most cited papers in its field (Computer Science and Engineering). His h-index is 42 (according to the Web of Science with more than 6,500 citations received) and he is ranked in the top 1% of the Most Cited Scientists in Engineering according to the Essential Science Indicators of Thomson. He has recently published in Science [339:6126, p. 1382, 2013] on the new role of the public libraries and he has been identified in the list of Highly Cited Researchers published in 2014 by Shangai Center and Thomson Reuters in the category of Engineering, therefore, being considered one of the world's most influential scientific researchers. His current research interests include group decision making, consensus models, linguistic modelling, aggregation of information, information retrieval, bibliometric, digital libraries, web quality evaluation, recommender systems, and social media. Prof. Herrera-Viedma is an Associate Editor of seven core ISI journals.

Date: **Wednesday, February 24, 2016**

Time: **11:00 AM**

Venue: **Engineering Building, Second floor, Room 24C28 (ECE Seminar Room)**

Title

Group Decision Making (GDM)

Abstract

Group decision making (GDM) is an important problem that is relevant to most crucial human activities. In a GDM situation, a group of decision makers interact to achieve a solution. To do so, the decision makers have to express their opinions by means of a set of assessments over a set of feasible alternatives. An important question here is the level of agreement or consensus reached among the group of decision makers before obtaining the solution. In this talk we present different existing consensus models when we have a fuzzy decision making framework and also analyze the main challenges that should be addressed

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