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Special Session Call for Papers
IEAAIE2015 Special Session on
Decision Support Systems under Subjectivity and Social Big Data(D4SBD)

<p>Special Session Organizers:</p> <p>Hamido Fujita Iwate Prefectural University (IPU), Japan E-mail: issam@iwate-ppu.ac.jp</p> <p>Francisco Chiclana De Montfort University Leicester, UK E-mail: chiclana@dmu.ac.uk</p> <p>Gang Kou Southwestern University of Finance and Economics Chengdu, China E-mail: kougang@swufe.edu.cn</p> <p>Enrique Herrera-Viedma Granada University Granada, Spain E-mail: viedma@decsai.ugr.es</p>	<p>Introduction/Call for Papers</p> <p>Currently, the technologies of decision Support Systems (DSS) are mainly based on objective analysis of criteria. The objective approaches usually lean on statistics. In the other way, the subjective approaches are based on experiences of experts, which majorly related to experts' preferences on alternatives. However, the subjective and objective decisions often face challenges of imprecise knowledge due to inconsistency and uncertainty. Consensus among decision makers is a moderate approach to justify the correlation among experts. However, providing subjective relations among attributes could provide better projection on decision making that could assist in providing more appropriate or precise correlation and coordination among criteria . Social big data could be utilized for such purpose if its related preferences could be projected subjectively, on context based analysis.</p> <p>Specific topics of interest for this special session cover various facets of Decision making under subjectivity and social big data including, but not limited to, the following:</p> <p>Topics</p> <p>Subjective analysis in DSS, Consensus in group DSS, Three way decision and Granular computing, Prospect theory and expert aspiration in DSS, Social analysis in decision making, subjective aggregations, Subjectiveness in rough set. Subjective normalization in DSS. Survey and future trends on Intelligent Subjectivity in Decision making process, Soft computing in Intelligent Subjectivity, preference predictions from social data, subjective attribute reductions, mental analysis in decision making, and other aspect in decision making theory and applications handling (applying) dependence or subjective relation among criteria.</p> <p>Submission Important Dates</p> <p>December 25, 2014 : Deadline for submission of full-length papers to special sessions. January 25, 2015 : Acceptance/Rejection's Notification. Feb 25, 2015 : Final camera-ready papers due in electronic form.</p> <p>Manuscripts for a Special Session should NOT be submitted in duplication to any other regular or special sessions and should be submitted by email to: Hamido Fujita:issam@iwate-pu.ac.jp. Please mention the special session name: D4SBD in your submission.</p> <p>All submitted papers of Special Sessions undergo the same review process (two to three completed reviews per paper) in this conference.</p>
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