

AHP/ANP IS WELL REPRESENTED IN MCDM 2017, OTTAWA

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[MCDM 2017](#) is progressing well! Close to 200 papers have been accepted and about 15% are AHP/ANP related. There will be two invited sessions on *AHP/ANP Theory and Applications in Supply Chain Management and Industrial Engineering*, each having four papers, in addition to about twenty contributed papers on AHP/ANP. It is not possible to identify all the papers involved in the conference that use AHP/ANP by itself or combined with other methodologies since some papers are in different application areas and their title does not include AHP/ANP. We wanted to highlight some of the studies in order to give you an idea about the papers that will be presented at the conference.

This year we have seen paper contributions about AHP/ANP even from undergraduate students! One of them, İrem Karacakaya, has developed *A Decision Support Model for Warehouse Location in Humanitarian Relief Logistics*. Another paper by Berna Ünver, proposes an *Integrated Decision Support Model to Calculate the Risk Scores of Workstations in Assembly Lines*. Both students are from Istanbul Technical University.

Gozde Kadioğlu, a Master's student from Istanbul, Turkey, has developed *A Decision Support Model for the Assessment of Consumer Preferences: A Case Study on Coffee*

House Companies (Kadioğlu and Topçu). Master's students, Crystal Thomas, Erin Whitehouse, Matthew Yourstowsky and Robert Woolley from Youngstown State University, Youngstown, Ohio, have analyzed different export markets including Germany, India, The United Kingdom and Brazil for international expansion using the Analytic Hierarchy Process decision-making methodology (Thomas, Whitehouse, Yourstowsky, Woolley and Karpak).

Another interesting paper is by Claudemir Leif Tramarico, Valerio Salomon and Fernando Marins from Sao Paulo State University (UNESP), Brazil titled *Benefits, Opportunities, Costs, and Risks from Advanced Planning Systems Implementation*. The authors have assessed Advanced Planning Systems (APS) implementation considering BOCR, and the proposed model and the results provide evidences of the APS implementation in a global chemical corporation.

Luis Vargas, from the University of Pittsburgh, Pennsylvania, presents, *How to Write a Contract with the AHP* in one of the invited sessions on *AHP/ANP Theory and Applications in Supply Chain Management and Industrial Engineering*. In this paper, the authors propose an approach based on the AHP that could be considered an extension of principled negotiation. As the authors state in the abstract, "Principled negotiation looks for fair and equitable solutions to conflicts rather than finding solutions in an environment in which each party considers the other party an adversary. To find fair and equitable solutions one needs to use measurement to determine which options are: (1) best for both parties, and (2) as close as possible to each other in the value provided to the parties."

We thank The Telfer School of Management at the University of Ottawa for hosting one of the leading conferences on multiple criteria decision-making, MCDM 2017. This international gathering of researchers and practitioners is an opportunity to highlight the latest application of MCDM tools to sustainable-management challenges and to explore optimal decision-making around social, environmental, health, safety, and performance objectives.

We are all looking forward to the 24th International Conference on Multiple Criteria Decision Making, on July 10 – 14, 2017 in Ottawa: "Canada 150: Creating a Sustainable Society," and also celebrating Canada's 150th birthday!