

WORLD EVENTS
AHP/ANP as Multidimensional Tools

MAS 2021
International Conference on Modeling and Applied Simulation
Krakow, Poland
September 15-17, 2021
A Flexible Conference: In Person & Virtual

The **2021 International Conference on Modeling and Applied Simulation (MAS)** will be a platform for knowledge exchange, the review and discussion of theoretical advances, research results, and industrial experiences, among scientists, researchers, decision makers, practitioners and students dealing with topics under the umbrella of multidisciplinary modeling and simulation.



Figure 1 MAS 2021 Conference

During MAS 2021, a session titled “**Decision Support Systems Applications**” organized by Fabio De Felice (University of Cassino and Southern Lazio - Italy) and Antonella Petrillo (Università degli Studi di Napoli “Parthenope” - Italy) will take place.

The session will offer the opportunity to present results and critical issues concerning Decision Support Systems, the theory underlying such systems and its applications. The aim is to promote a yearly forum for researchers and practitioners to exchange new ideas and practical experience in the areas of Decision Support Systems, in order to provide a chance for growing in the field of research. Topics of interest include:

- Multi-Criteria Decision Making (AHP method, Electre Method, etc.)
- Machine Learning

- Modelling Techniques of Decision Support Systems
- Industrial and Engineering Applications of Decision Support Systems
- Decision Support Systems in E-Commerce
- Group Decision Support Systems
- Expert Systems
- Soft Computing Techniques
- Datawarehousing and Datamining
- Project Management Techniques and Operational Research
- Executive Information Systems
- Knowledge-based Decision Support Systems
- Strategic Decision Support Systems

For more info please see: <http://www.msc-les.org/mas2021/>

INFORMS 2021 Annual Meeting in Anaheim, CA
October 24-27, 2021
A Flexible Conference: In Person & Virtual

The **2021 INFORMS Annual Meeting** is a unique opportunity to connect and network with the more than 5,000 INFORMS members, students, prospective employers and employees, and academic and industry experts who compose the INFORMS community. This year it will be possible to attend in-person in Anaheim, CA, **OR** participate virtually via online meeting platform.



Figure 2 INFORMS 2021 Annual Meeting

During INFORMS, a session titled: “**Theory and Applications of AHP/ANP in Supply Chain Management**” organized by Birsen Karpak (Youngstown State University –

USA) and Antonella Petrillo (Università degli Studi di Napoli “Parthenope” - Italy) will take place.

The event will be an opportunity to discuss current issues, including the following topics:

Model-based Approaches for Interoperability of Next Generation Supply Chain Management Systems: State of the Art and Future Challenges: Contributions from AHP/ANP

Gregory Zacharewicz; IMT - Mines Ales, France.

Theory and Applications of AHP/ANP in Supply Chain Management

Yousaf Ali Khan; Ghulam Ishaq Khan Institute of Engineering Sciences & Technology, Pakistan.

Selection of Sustainable Suppliers Using an Integrated MCDM Approach: A Case Study of Turkey

Sezin Gülleryüz; Bartın University, Turkey.

Analytic Hierarchy Process/Analytic Network Process Applications in Big Data Enabled Supply Chain Management

Birsen Karpak¹, Ilker Topcu², Fusun Ulengin³

¹Youngstown State University, USA

²Istanbul Technical University, Turkey

³Sabancı University, Turkey

Selection of a 3PL Service Provider for an Aerospace Company: Analytic Network Process (ANP) Approach

Ozden Bayazit¹, Birsen Karpak²

¹Central Washington University, USA

²Youngstown State University, USA

For more information please see: <http://meetings2.informs.org/wordpress/anaheim2021/>