

Theory and Applications of AHP/ANP in Supply Chain Management session at INFORMS 2021

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The INFORMS annual meeting was in Anaheim, CA, October 24-27, 2021 in person as well as virtual. The 2021 INFORMS annual meeting was a unique opportunity to connect and network with the more than 6,500 members, students, prospective employers and employees, and academic and industry experts who comprise the INFORMS community.



Figure 1 INFORMS 2021 Annual Meeting

The MCDM section of INFORMS organized a stream of sessions chaired by Margaret Wiecek, Serpil Sayin, Birsen Karpak, Antonella Petrillo, Caroline Mota, Daniele Costa Morais, Adiel Teixeira De Almeida, Samira Fallah, Firdevs Ulus, Ozlem Karsu, and Salvatore Greco.

In particular, during INFORMS the session: “*Theory and Applications of AHP/ANP in Supply Chain Management*” took place and was organized by Birsen Karpak (Youngstown State University – USA) and Antonella Petrillo (Università degli Studi di Napoli “Parthenope” - Italy).

In this session Gregory Zacharewicz (IMT-Mines Alès, France) presented, “*Model-based Approaches for Interoperability of Next Generation Supply Chain Management Systems: State of The Art And Future Challenges: Contributions From AHP/ANP*”.



Figure 2 INFORMS 2021 Gregory Zacharewicz

Also, Sezin Güteryüz (Bartın University, Turkey) presented “*Selection of Sustainable Suppliers Using an Integrated MCDM Approach: A Case Study of Turkey*”.



Figure 3 INFORMS 2021 Sezin Güteryüz

In addition, Birsen Karpak (Youngstown State University, USA), Ilker Topcu (Istanbul Technical University, Turkey), Fusun Ulengin (Sabanci University, Turkey) presented

“Analytic Hierarchy Process/Analytic Network Process Applications In Big Data Enabled Supply Chain Management”.

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

 Birsen Karpak
Youngstown State University, USA

 İlker Topcu
Istanbul Technical University, Turkey

 Füsün Ülengin
Sabancı University, Turkey

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Figure 4 INFORMS 2021 Birsen Karpak, İlker Topcu and Fusun Ulengin

Finally, Ozden Bayazit (Central Washington University, USA) and Birsen Karpak (Youngstown State University, USA) presented, *“Selection of a 3PL Service Provider for an Aerospace Company: Analytic Network Process (ANP) Approach”.*

SELECTION OF A THIRD PARTY LOGISTICS SERVICE PROVIDER FOR AN AEROSPACE COMPANY: ANALYTICAL NETWORK PROCESS APPROACH

 Ozden Bayazit

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Figure 4 INFORMS 2021 Ozden Bayazit

We hope our presence at the INFORMS 2022 meeting in Indianapolis will be even greater and, hopefully, face-to-face.

We look forward to seeing you next year!