

# **2023 International Conference on Decision Aid Sciences and Applications (DASA 2023)**

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16-17 September 2023**



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Saturday, September 16 8:30 - 9:30 (Africa/Algiers)

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Saturday, September 16 9:30 - 10:00 (Africa/Algiers)

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Saturday, September 16 10:00 - 10:45 (Africa/Algiers)

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Chairs: Kouzou Abdellah (University of Djelfa Algeria, Algeria), Fouad Ben Abdelaziz (NEOMA Business School, France)

Saturday, September 16 10:45 - 11:00 (Africa/Algiers)

CB: Coffee break 1 [zoom](#)

Saturday, September 16 11:00 - 12:20 (Africa/Algiers)

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Chairs: Kouzou Abdellah (University of Djelfa Algeria, Algeria), Fouad Maliki (Higer School in Applied Sciences of Tlemcen, Algeria & MELT Laboratory, Algeria), Toufik Sari (Labged, Badji Mokhtar-Annaba University, Algeria)

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## Saturday, September 16 15:15 - 16:00 (Africa/Algiers)

### PN2: Data and knowledge integration for decision aid: examples of research projects [zoom](#)

#### Plenary Session 2

Chairs: Mourad Messaadia (University of Bahrain, Bahrain), Farah Nadir (Université Badji Mokhtar, Canada)

In the era of high digitalization within industry 4.0/5.0 paradigms, there is a multitudes sources that generate huge quantities and diversity of data. Smart algorithms for decision aid are generally following data driven strategies with less consideration of operators and experts' know how and point of view. This keynote will illustrate, through the presentation of some results of research projects, how the formalization and integration of expert knowledge can improve the quality of decision, to match the exact needs of the users.

## Saturday, September 16 16:00 - 16:20 (Africa/Algiers)

### CB: Coffee break 2 [zoom](#)

## Saturday, September 16 16:20 - 18:00 (Africa/Algiers)

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Chairs: Nabihia Azizi (Université de Badji Mokhtar, Algeria), Fouad Maliki (Higer School in Applied Sciences of Tlemcen, Algeria & MELT Laboratory, Algeria), Ghazi Sabri, Sr. (Badji Mokhtar Annaba University & LabGED, Algeria)

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**Room 5**

Chairs: Nourddine Bouaziz (CESI LINECAT, France), M'hammed Sahnoun (CESI LINEACT, France & CESI, France), Toufik Sari (Labged, Badji Mokhtar-Annaba University, Algeria)

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Chairs: Nacer Eddine Benzebouchi (Badji Mokhtar University of Annaba, Algeria), Ahmed Nait Chabane (LINEACT CESI, France), Hassina Seridi (Laboratoire LabGED, Université de Badji Mokhtar, Algeria)

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## Sunday, September 17 8:30 - 10:10 (Africa/Algiers)

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Parallel session 4-1

### Room 1

Chairs: Salah Eddine Bellal (University of Batna 2, Algeria), Belgacem Bettayeb (LINEACT CESI, France & CESI Campus Lille, France), Ghazi Sabri, Sr. (Badji Mokhtar Annaba University & LabGED, Algeria)

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## PS4-2: Medical Decision Making [zoom](#)

Parallel session 4-2

### Room 2

Chairs: Nacer Eddine Benzebouchi (Badji Mokhtar University of Annaba, Algeria), Walid Hariri (Labged Laboratory, Badji Mokhtar Annaba University, Algeria)

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Parallel session 4-4

### Room 4

Chairs: Adel Kermi (Higher National School of Computer Sciences (ESi), Algiers & ESi of Algiers, Algeria),  
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Parallel session 4-5

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PN3: NHSquicker: Shaping Demand for Urgent Care using Real-Time Data and Digital Nudges [zoom](#)

Plenary Session 3

Chairs: Mohamed Tarek Khadir (University of Badji Mokhtar Annaba, Algeria), Navonil Mustafee (University of Exeter, United Kingdom (Great Britain))

**Sunday, September 17 11:00 - 11:20 (Africa/Algiers)**

CB3: Coffee break [zoom](#)

**Sunday, September 17 11:20 - 12:20 (Africa/Algiers)**

PS5-1: Marketing and management [zoom](#)

Parallel session 5-1

Room 1

Chairs: Mohammed Mehdi Bouchene (University of Guelma, Algeria), Soumia Goumiri (ESI, Algeria)

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Parallel session 5-2

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## PS5-3: IoT and Machine Learning Parallel session 5-3 [zoom](#)

IoT and Machine Learning

### Room 3

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### MeetEditor: Meet the editor [zoom](#)

Bio Nav Mustafee is Professor of Analytics and Operations Management at the University of Exeter Business School, UK. He is the Founder and Chair of the Health and Care IMPACT Network, which is a collaboration between the Business School and NHS Trusts in the South West of England. His research focuses on Modelling and Simulation methodologies and their application in areas such as healthcare, supply chain management and the circular economy. A particular area of interest is Hybrid Modelling. He is a Co-Investigator for EU projects investigating systemic solutions for resilience to climate change (ARSINOE) and circular economy of water (ULTIMATE), and a UKRI-funded project on healthcare redesign (SPHERE). He received the OR Society's Lyn Thomas Impact Medal for 2022 for developing a platform informing attendance choices for urgent care. Nav is a Joint Editor-in-Chief of the Journal of Simulation and Vice-President of Publications at The Society For Modeling & Simulation International.