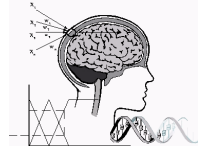




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session: Discovering Knowledge from Raw Mobility Data
Surveys, Security, Design and Analytics

Name of Chair: Prof. Jalel Akaichi, University of Bisha.

Co-chairs:

Dr. Ali Jaber, University of Bisha

Dr. Hela Limam, University Al Manar.

Dr. Wided Oueslati, University La Mannouba.

Details of Session:

Knowledge discovery from raw mobility data is about identifying behaviors from individual or group of trajectories of various items such as animals, cars, people, etc.. Indeed, this includes design, construction, warehousing and mining methods. Developing such methods to investigate the relation between movement and its surrounding context is a major challenge related to diverse application domains such as bird migration, medical, sport, etc. In fact, analysis of masses of raw, structured or semantic trajectories is required for decision makers.

The aim of the event is to summarize the current state of the art in the mobile data analytics and enable prospective researchers to present their new ideas concerning this subject.

The scope of the mobile data analytics session includes, but is not limited to:

- Mobility data modeling analysis and mining.
- Mobility data quality.
- Big mobility data.
- Trajectory data warehousing.
- Trajectory data mining.
- Pervasive systems.
- Mobile social networks.
- Mobility based applications.
- Analytics.
- Mobility based machine learning models.
- Spatio-temporal models.
- Mobile ambient applications.
- Ontologies for mobility domain.
- Mobile web analytics.
- Internet of Things.
- Mobile cloud computing.
- Federated Learning.
- Security & Privacy.

Important Dates:

Submission of papers: 5 February 2025

Notification of acceptance: 4 March 2025

Final versions: 25 March 2025

Conference: 25-27 June 2025

Website URL (if any):

Email & Contact Details:

j.akaichi@gmail.com, jakaichi@ub.edu.sa