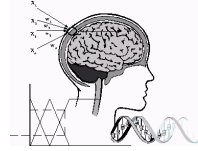




# International

*Innovation in Knowledge Based and Intelligent  
Engineering Systems*



## INVITED SESSION SUMMARY

**Title of Session: Mobility Data Analysis and Mining - MDAM 2016**

**Name of Chair: Jalel Akaichi, King Khalid University, Saudi Arabia**

### Details of Session

#### SCOPE

Modelling and analysing objects motions and activities data in order to understand their behaviour has become critical. In fact, if analysed, they provide decision makers, not only with knowledge, but also with trends and predictions, and consequently improve decisions spinning around mobility data visualization. The traditional modelling and analysis approaches are no longer adequate, due to the progress in pervasive systems and positioning technologies that provide insight and actionable information anywhere and anytime. The whole lifecycle of data warehousing and mining has to be revisited, enhanced and updated. In fact, it requires the proposition of new techniques and methodologies capable of dealing with the new requirements imposed by massive mobility data, and able to propose solutions for capturing, extracting, transforming, loading, analysing, mining, etc., data, information and knowledge.

#### TOPICS OF INTEREST

Areas of particular interest for the workshop include, but are not limited to, the following:

Analytics for semantic web

- Big Mobile Data.
- Business Analytics for mobile data.
- OLAP for mobility analysis.
- Mobile data quality.
- Mobile Cloud computing.
- Mobile network sensors' data.
- Analytical models for mobile data.
- Mobile Business intelligence.
- Location based services analysis.
- Mobility modelling and management.
- Trajectory data mining.
- Trajectory data warehousing.
- Mobile data Visualization.
- Ontologies for domains involving mobility.

#### IMPORTANT DATES

Submission of papers: 18 January 2016

Notification of acceptance: 25 February 2016

Camera ready papers submission: 7 March 2016

#### Website URL (if any)

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