

OBIS: Workshop on Open Business Intelligence Systems

December 4 – 7, 2017

Jaipur, India

www.sitis-conf.org



Collocated with : **SITIS-17, the 13th International Conference on SIGNAL IMAGE TECHNOLOGY & INTERNET BASED SYSTEMS**

OBIS 2017

Workshop on Open Business Intelligence Systems

Decision-making is a crucial, yet challenging mission in enterprise management. It is still made based on a reactive approach rather than on facts and proactive approaches. This is often due to underprovided in data, unknown correlation between data and goals, conflicting goals and weak defined strategy. Enterprise success depends on fast and well-defined decisions taken by relevant policy makers and business actors in their specific area. OBIS can be seen as a collection of decision support technologies and tools for enterprises aimed at enabling knowledge workers such as executives, managers, and analysts to make better and faster decisions. Business Intelligence is currently reinventing itself in a time of technological emerging big data make it possible to explore new opportunities that will revolutionize business intelligence. From there to completely revolutionize business intelligence, and data warehouse based decision support, the Hadoop (development environment) is an excellent complement to such systems. Indeed, the limitations of traditional BI architectures are beginning to be affected, and new applications can be met: the use of unstructured data, sensor data, social media, machine learning and crowd sourcing, huge data volumes to be managed with the enterprise information system integration. The intelligence has always been seen as a separate element of the information system of the company, but with Big Data, this is changing.

The aim of this session is to review the concept of OBIS as an open innovation strategy and address the importance of them in revolutionizing knowledge towards economics and business sustainability. The main objective is to discuss why the concept of BI has become increasingly important and presents some of the top key applications and technologies to implement open BI systems in organizations.

Topics for the session include, but are not limited to

- Intelligent decision support systems
- Intelligent transport systems
- Crowdsourcing systems and application
- Multiagent systems and Data analytics
- Crowdsourcing, collaboration, and problem solving with social media
- Social media analytics
- Machine learning and decision support systems
- Opinion mining and sentiment analysis
- Business models for innovative use of big data
- Real-time decision making, forecasting, and fraud detection using big data
- Modeling big data and related decision scenarios
- Methodologies for innovations to handle large data sets
- Big data analytics in business applications

Main Contributing Researchers / Program Committee

- Ernesto Damiani, Milan University, Italy
- Kokou Yetongnon, Bourgogne University, France
- Abdelaziz EL Fazziki, Cadi Ayyad university, Morocco
- Mohammed Sadgal, Cadi Ayyad university, Morocco
- Djamel Benslimane, Lyon1 university, France
- Karim Baina, ENSIAS, Université Mahamed V, Morocco
- Richard Chbeir, Bourgogne University, France
- Abderrahmane Sadiq, Cadi Ayyad university, Morocco

Dates & deadlines

- **Submission Deadline: August 27, 2017**
- **Notification of acceptance: October 3, 2017**
- **Camera ready: October 17, 2017**
- **Author registration: October 19, 2017**

Email & Contact Details

Conference web site: www.sitis-conf.org

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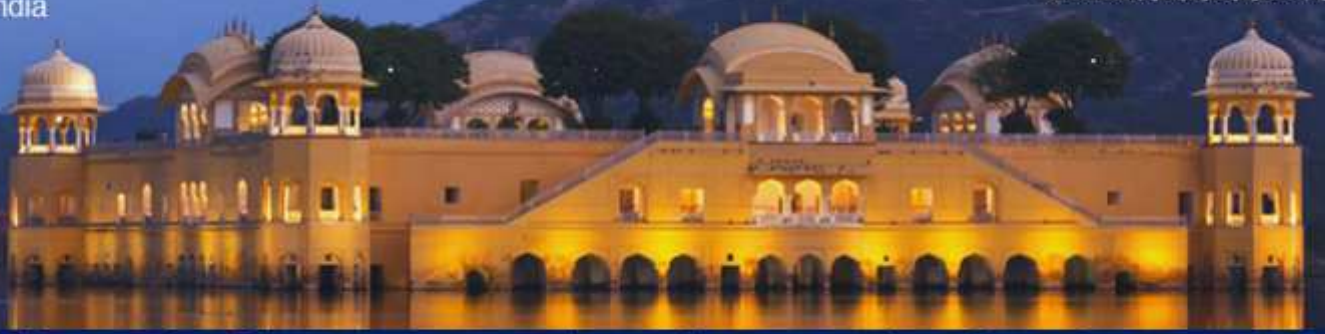
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Submission

Each submission should be at most 8 pages in total including bibliography and well-marked appendices, and must follow the IEEE double columns publication format available at:

- [Microsoft Word DOC \(ftp://pubftp.computer.org/Press/Outgoing/proceedings/instructA4x2.doc\)](ftp://pubftp.computer.org/Press/Outgoing/proceedings/instructA4x2.doc)
- [LaTeX Formatting Macros \(ftp://pubftp.computer.org/Press/Outgoing/proceedings/IEEE_CS_LatexA4x2.zip\)](ftp://pubftp.computer.org/Press/Outgoing/proceedings/IEEE_CS_LatexA4x2.zip)

Paper submission will only be online via: [Easy Chair \(https://easychair.org/conferences/?conf=sitis2017\)](https://easychair.org/conferences/?conf=sitis2017)

Only pdf files will be accepted. Submissions not meeting these guidelines risk rejection without consideration of their merits. All submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of expression by at least two reviewers. The organizers will examine the reviews and make final paper selections.

Publication

Accepted papers will be included in the conference proceedings and published IEEE Computer Society. Content will be submitted to the indexing companies for possible indexing. The proceedings will be available at the conference. Extended version of selected accepted papers will be considered for publication in major journals.

Registration

At least one author of each accepted paper must register for the workshop. Workshop registration fee is determined by SITIS. A single registration for the workshop or the conference allows attending both events.

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