CloudTech 2015

International Workshop on Big Data

Marrakech, Morocco - June 3, 2015

Call for Papers

Big Data are high volume, high velocity, high variety, veracity and Value information. These incredibly huge data require development of innovative analysis, mining and processing techniques to enable and improve decision making.

After the success of the first edition of the Big Data Workshop under the theme "*Developing data driven Biology in Morocco*", which was held in Tangier in February 2015, we are delighted to organize the second workshop in conjunction with CloudTech'2015, the IEEE technically sponsored International Conference on Cloud Computing Technologies. This workshop will be held at Kenzi Farah Hotel in Marrakesh on June 3, 2015 and will address different topics related to Big Data theories, technologies and applications and also their challenges and opportunities.

The aim of this workshop is to report and promote new advances and research directions in diverse issues related with Big Data such as Big Data searching and mining, Big Data infrastructure, Big Data management, Big Data privacy/security, and Big Data Analytics.

Nowadays, we are dealing with an unprecedented growing range of biomedical and biotechnological data, including microarrays, ultra high-throughput sequencing data as well as bio-imaging data. This workshop will also represent a very valuable forum to exchange information to accelerate the application of new technologies in Life Science.

Therefore, this Workshop will provide a leading forum for disseminating Big Data Research, Development, and Applications. We solicit original research papers in any aspect of Big Data in any one of the following two tracks:

Tracks 1: Big Data Processing & Analysis
- Big Data Models and Algorithms
- Handling Heterogeneity
- Modeling issues
- Big Data Architectures
- Cloud Computing Techniques for Big Data
- Big Data Open Platforms
- Big Data Quality and Provenance Control
- Big Data Protection, Integrity and Privacy
- Security Applications of Big Data
- Big Data Search and Mining
- Big Data Analytics

- Big Data for Enterprise, Government and Society
- Big data Visualization
- Big graphs
- Social Media Information Retrieval, Opinion analysis, etc.

Tracks 2: Big Data in Life Science
- Big Data and Biotechnology
- Big Data and Biostatistics
- Big Data means for biomedicine,
- Big Data health science
- Big Data drug development

Keynote Speakers

Prof. Maria Fasli
Director, Institute for Analytics and Data Science

School of Computer Science and Electronic Engineering
University of Essex, UK

Dr Andrew Harrison
Department of Mathematical Sciences
University of Essex, UK

Dr. Hugh Shanahan
Royal Holloway,
Department of Computer Science
Centre for Systems and Synthetic Biology
University of London, UK

Paper submission

Authors are invited to submit original and unpublished research papers. Submitted manuscripts will be limited to 8 (IEEE Proceedings style) pages and required to be formatted using the IEEE Proceedings template . Please follow the IEEE Computer Society Press Proceedings Author Guidelines to prepare your papers. At least one author of each accepted paper is required to register, attend the conference and present the paper. Submissions should include paper title, abstract, names of authors, their affiliation and email addresses.

The full papers should be submitted in PDF format to the CloudTech 2015 EasyChair online submission website: https://easychair.org/conferences/?conf=cloudtech2015

Deadlines

Papers submission: April 25th, 2015
Notification of Acceptance: May 5th, 2015

Papers Publication

All presented papers will be published in the conference proceedings and will be considered for publication in IEEE Xplore Digital Library.

Workshop Chairs

Mohamed Essaaidi, ENSIAS, Mohammed V University, Morocco
Amal Maurady, Equip ERBGB, FSTT, Tangier, Morocco
Dalila Chiadmi, EMI, Rabat, Morocco

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