BigAg 2016

ICCS BigAg 2016 Workshop
to be held in conjunction with The International Conference on Computational Science (ICCS) 2016 at San Diego, USA, between 6-8 June, 2016.

The main goal of this workshop is to bring Big Data Solutions for Agriculture, to identify the key challenges which are faced by the Big Data Analysts trying to solve problems for agriculture communities, discuss potential solutions and identify the opportunities emerging from cross-domain interactions among agriculture experts, hydrologists, dairy experts, aquaculture experts and Big Data Analytics experts. Therefore, we expect to gain from the domain experts an explanation of how they can apply big data analytics, semantic web standards, machine learning techniques, and linked data standards into their scientific research. We believe this workshop will be a unique opportunity to highlight the main theme of ICCS 2016, “Data through the Computational Lens”.

Motivation:

- To bring scientists, industry and domain experts to assess how academic advances are addressing real-world requirements in Big Data Research and its application for the digital innovation in Global Agriculture. The workshop will strive to improve academic awareness of industrial and final user needs, and therefore direct research towards those needs. Simultaneously, the workshop will serve to inform industry and user representatives about existing research efforts that may meet their requirements.
- To examine big data integration and big knowledge management in the context of Agriculture and Environment.
- To explore new research and development horizons for Big Data Analytics and its applications

Topics:

More specifically, the topics of interest include but are not limited to:

- All aspects of Big Data Platform Technology
- Architecture for Big Data Innovation
- Big Data innovation in Agriculture
- Performance evaluation of Big data principles;
- Environmental Big data integration;
- Smart farm and its application in Big data;
- Environmental Big Data;
- Big Data in Agricultural disaster management;
- Agricultural multilingual taxonomies and glossaries;
- Cloud based decision support system for plant diseases;
- Environmental big data and knowledge management;
- Problem with Big Data

Call For Papers

Submission Page for BigAg 2016: https://easychair.org/conferences/?conf=iccs20160

Deadlines for workshop papers will in principle be the same as for main-track papers.

The manuscripts of up to 6 pages, written in English and formatted according to the EasyChair templates, should be submitted electronically.

Organisers of CSIRO BigAg 2016

Based on the success of our previous CSIRO Australia sponsored workshop SML2OD 20131 in conjunction with ISWC 2013, in Sydney, BioBAD 2015, in conjunction with 31st ICDE 2015, in Seoul, Korea, this workshop is being motivated by our own research in the field of Big Data analytics in Agriculture, and we’d like to share our knowledge with other scientists with similar interests at ICCS. Our work could be find at http://iekbaseanalytics.csiro.au/.

Programme Committee

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