**CALL FOR PAPERS**

**IEEE Workshop on “Big Data and Cloud Applications (BDCloudAPP16)”**

(October 13-15, 2016, Atlanta, GA, USA)

Big data is an emerging paradigm applied to datasets whose size is beyond the ability of commonly used software tools. Cloud computing is the biggest emerging trend, which is changing the way, computing is done. Cloud computing democratizes big data and big data and a cloud is inherent a big data cloud. As a new solution, the big data cloud has practically limitless applications. With the right middleware, a cloud computing system could execute all the programs a normal computer could run. Potentially, everything from generic word processing to customized computer program designed for a specific company could all work on a cloud. The goal of the IEEE workshop on “Big Data And Cloud Applications (BDCloudAPP16)” is to establish an international forum and venue for engineers and scientists to present their ideas and experiences, and publish their pioneer works, in the fields of applications of big data and clouds.

**Topics Of Interest Include But Are Not Limited To**

* Big data management in cloud applications;
* Security and privacy in cloud applications;
* Mapping applications to the cloud;
* Mobile cloud;
* Cloud applications and their platforms;
* Resource scaling in cloud applications;
* Modeling and testing of cloud applications;
* Tools and techniques for cloud application development;
* Successful practices in cloud application design;
* Evaluation metrics for cloud applications.

**Submission Instructions**

BDCloudAPP16 welcomes paper submissions on original and innovative work from researchers in applications of big data and cloud. Submissions should be prepared using IEEE Computer Society’s Word/LaTeX templates available at <http://www2.computer.org/portal/web/cscps/formatting> and should not exceed 6 pages in length.  Accepted abstracts will be published in the IEEE Xplore Digital Library. Authors of selected papers will be invited to submit an extended version for review and publication in special issues of international journals.

**Important Dates**

Papers Submission: July 1, 2016
Notification of Acceptance: August 1, 2016
Author Registration: August 10, 2016
Camera-ready Papers Due: August 15, 2016

**Program Chairs**

* Shuhui Yang, Purdue University Northwest, yang246@pnw.edu
* Mina Guiguis, Texas State University, msg@txstate.edu
* Manghui Tu, Purdue University Northwest, manghui.tu@pnw.edu