**Call for Papers on ICCMIT 2015:**

**“Big Data: Privacy, Security, and Analytics”**

**Organized by:**

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**Objectives and Motivation**

Big Data computing and applications are becoming a hot research and application field for academic researchers, application service providers and users including industrial organizations and governments. While Big Data creates huge opportunities in government planning and services, healthcare improvement, and business growth, and job creation, it also brings great challenges in data management, data analytics, data security and privacy. Computing and information researchers have to study the traditional scientific and technological issues in the big data scenario featured with 3Vs - huge volume, high velocity, and great variety. At the same time, the researchers have to also deal with the huge social issues and impacts caused by big data, such as privacy.

The conference session titled *“Big Data: Privacy, Security, and Analytics”* is intended to provides an opportunity for researchers and practitioners from different countries and social backgrounds to exchange their ideas and thoughts, theories, techniques, and solutions in the research field. The conference session welcomes theoretical, technical and empirical papers from all areas of research in regard to the study of big data, especially in privacy, security, and analytics.

**Scope and Interests**

Beyond traditional record-level access control, security and privacy issues for information sharing and control in Big Data use cases embrace emerging challenges and research opportunities in various perspectives. We need to rethink security and privacy for information sharing in Big data paradigm, such as how to explicitly or semantically represent scalable policy and access control mechanism not only to provide users with the sharing of heterogeneous Big data resources, but also to give users fine-grained control over the sharing to allow them to access services and results of Big Data at various scales and granularity in complying with scalable and context-aware access control policy.

This conference session may include, but not limit to, the following topics:

* Big Data scalable computing models and analytic algorithms
* Big Data collections, processing, and validation
* Big Data security issues
* Big Data privacy issues
* Big Data governance and polity
* Big Data management and deployment
* Big Data mining and predictive analytics

**Important Dates**

###### Paper submission: until February 28, 2015 Notification of acceptance: March 7, 2015 Final paper submission and authors camera ready: March 15, 2015 Conference Dates: April 20-22, 2015

###### All instructions and templates for submission can be found in the ICCMIT 2015 web site: <http://www.iccmit.net/>. Please, contact the special session organizers if you are planning to submit any paper.