



Exploring Data Science in IT and Quantitative Management

Conference Organizers:

International Academy of Information Technology and Quantitative Management (IAITQM)

Ibmec Rio de Janeiro, Brazil (Ibmec)

Brazilian Society of Operations Research, Brazil

Conference Chairs : Luiz F. Autran M. Gomes(Ibmec), Yong Shi (IAITQM)

Keynote speakers: **Raj Reddy**, the 1994 Turing Award recipient, a member of the US National Academy of Engineering, Carnegie Mellon University, USA.

James Tien, a member of the US National Academy of Engineering, Dean of College of Engineering, University of Miami, USA.

Po-Lung Yu, the Distinguished Professor (Emeritus) of University of Kansas (KU), Kansas, and Distinguished Professor for Life of National Chiao-Tung University (NCTU), Taiwan.

The International Conference on Information Technology and Quantitative Management (ITQM), established by IAITQM, is a global forum for exchanging research findings and case studies that bridge the latest information technology and quantitative management techniques. It explores how the use of information technology to improve quantitative management techniques and how the development of management tools can reshape the development of information technology.

The First International Conference on Information Technology and Quantitative Management(ITQM2013) took place in Suzhou, China. The Second International Conference on Information Technology and Quantitative Management (ITQM 2014) was held in Moscow, Russia.

Topics:

- IT-enabled quantitative management and decision making in the government sector and in public and private companies
- Applications of IT-enabled quantitative management and decision making in Logistics, Finance, Marketing, Strategy, Human Resources, IT, Project Management, Process Improvement, Sustainability, Innovation, and other Management disciplines
- Developments in IT-enabled quantitative management and decision making in different industries, such as Oil and Gas, Banking, Transportation, Utilities, Health care, Telecom, Education, etc.
- Habitual domain and behavioral approaches to Big Data analytics
- Data Science issues in information technology and quantitative management
- Applications of Big Data technologies and methods (e.g., Data Mining, Data Warehousing, Data Analysis) to support optimal decision making
- Using mobile technologies and cloud computing to enhance optimal decision making
- Applications of Social Networks Analysis in IT-enabled quantitative management and decision making
- IT-enabled quantitative management and maturity models
- Soft computing methods in quantitative management and decision making processes
- Developments in Multicriteria Analysis related to IT-enabled quantitative management
- Semantic learning and intelligent awareness
- Quantitative management tools

Important Dates

Paper Submission Deadline	February 28, 2015
Early Registration starting date	March 31, 2015
Early Registration due date	April 30, 2015

Publications

All accepted papers after strict peer-reviewing process will be included in the main conference proceedings by *ProcediaComputerScience* (Elsevier), which will be submitted for indexing, such as CPCI-S, EI.

All accepted special sessions/workshops after strict peer-reviewing process will be included in the International Journal Technology and Decision Making (2013 SCI Impact Factor: 1.980), and Annals of Data Science (Springer).

Email: itqm2015@gmail.com

Website: <http://www.itqm-meeting.org/2015/>

