

Asan, Korea

ITQM

16-18 Aug. 2016

Information Technology and Quantitative Management



## Promoting Business Analytics and Quantitative Management of Technology

### Conference Organizers:

International Academy of Information Technology and Quantitative Management (IAITQM)

Korea Advanced Institute of Science and Technology (KAIST), Korea

Hoseo University, Korea

Conference Chairs: Heeseok Lee (KAIST), Yong Shi (IAITQM)

Organizing Chairs: Jongwon Lee (Hoseo University), Gang Kou (Southwest University of Finance and Economics, China)

Keynote speakers: **Fred Glover**, the 1998 John Von Neuman Theory Prize recipient, a member of the US National Academy of Engineering, USA.

**Peizhuang Wang**, Liaoning Technical University, China.

**Jifa Gu**, Chinese Academy of Sciences, China.

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 (ITQM 2013) took place in Suzhou, China. The Second International Conference on Information Technology and Quantitative Management (ITQM 2014) was held in Moscow, Russia. The Third International Academy of Information Technology and Quantitative Management (ITQM 2015) was held at Rio de Janeiro, Brazil.

### Topics: including, but not limited to:

- Management of Technology
- Business Analytics Tools and Applications
- Innovative Business Model and Platform
- New Machine Age: IOT(Internet of Things), Fintech, 3D Printing, Mobile Commerce, Artificial Intelligence, Drone
- Social Media, Curation Marketing, Design Thinking.
- Nero-Marketing
- Econometric and Empirical Understanding of Emerging Business
- Applications of Big Data technologies and methods (e.g., Data Mining, Data Warehousing, Data Analysis) to support optimal decision making
- Habitual domain and behavioral approaches to Big Data analytics
- Data Science issues in information technology and quantitative management
- IT-enabled quantitative management and decision making in the government sector and in public and private companies
- Mobile technologies and cloud computing
- 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.
- 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

Proposal for Special Sessions/Workshops Deadline: November 15, 2015;

Tutorial Proposal Submission Deadline: March 1, 2016;

Early Registration starting date: March 28, 2016;

Paper Submission Deadline: March 14, 2016;

Final Camera-ready Paper due: March 28, 2016;

Early Registration due: April 29, 2016;

### Publications

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

The extended version of selected papers from the conference proceedings will be invited to publish in the International of Information Technology and Decision Making (SCI), and Annals of Data Science (Springer).

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