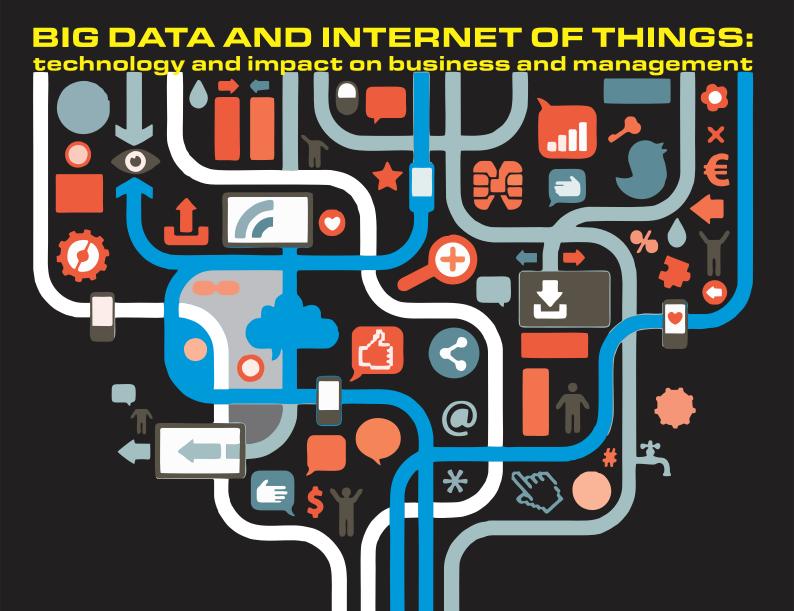# International School of Informatics & Management Technical Campus

(formerly India International Institute of Management)

Jaipur

www.icfia.org

16 - 17 August, 2016

CALL FOR PAPERS

ICMIT-2016
International Conference on Management & IT

BIG DATA AND INTERNET OF THINGS:
technology and impact on business and management

ABOUT THE CONFERENCE

The Internet of Things (IoT) is on its way to bring in the next technological revolution. It will certainly lead to an unimaginable explosion of data. Listening to that data, making sense of it, and effectively acting on the information derived based on the trends and the patterns observed in the data, will be crucial. And this enormous shift that is happening in the environment will surely help businesses do just that. Considering the voluminous data and consequently revenue that the IoT will generate, its impact will be felt across the entire big data universe, obligating businesses to upgrade current tools and processes, and technology to evolve so as to accommodate exponential data and take advantage of the insights the data will deliver.

From the Business and Management perspective, it is an all new rapidly developing market in new technologies and in how other businesses apply the new opportunities that are brought by IoT. Healthcare, entertainment, education, communication, smart homes, smart cities will all see the effect and, as a result businesses will realize new areas of development and modifications in business processes, logistics, transportation, marketing, managing people, manufacturing etc.

From the technology perspective, the growth of IoT and Big Data would entail efficient, quick and intelligent processing of large amount of data with different formats and content through advanced algorithms, techniques, models and tools. This new archetype would be influenced by the maturity of different technologies, including the internet, wireless communication, cloud computing, sensors, big data analytics and machine learning algorithms.

The conference aims to bring together researchers, policy makers, industry representatives, academicians and research scholars to exchange and share their experiences and research results about all aspects of Internet of Things and Big Data and their impacts. It also provides an interdisciplinary forum to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the use of IoT, and present & future impact of IoT and Big Data on businesses.

The objectives of the conference are:

· To get an overview of the market & current developments in the IoT field
· To discuss the present and future business outcomes of Big data applications for IoT
· To deliberate on the design of IoT products and services
· To explore the evolution of new business models & strategies
· To discuss the legal issues and social aspects of IoT and Big Data
· To figure out the human factors in IoT and Big Data
· To study the Technological focus for Smart Environments
· To further research on different dimensions of Big Data and Data Analytics
· To discuss progress on research in IoT, Big data and synergistic technologies

Submissions are welcome on aspects of **Business Management and Computer Science & Application** on topics including but not limited to:

Track 1: How the Internet of Things and Big Data are changing the business landscape
Sub Themes
· The impact of IoT on business models
· IoT, Big Data and Next-Gen Management
· Data Analytic to Optimize Workforce and Organizational Effectiveness
· IoT & Big Data: Opportunities in Consumer Markets
· The Impact of IoT on Global Economics
· Global IoT Market Forecast & Analysis
· Maximum value, minimum risk, and employee trust from Human Capital Analytics
· Building a Smarter Digital Life for Citizens
· IoT Business Potential in Emerging Markets
· Internet of Healthcare Things
· IoT Market Forecasts
· Industrial Internet of Things
· Big Data Analytics : Tools & Applications
· Selling Smart things
· Potential of IoT for business and organizational structure
· How is IoT determining the value of data?
· Industrial Internet- Opportunities and Challenges
· Potential of IoT for Business and Organizational Structure
· Knowledge Management and Internet of Things
· Effect of advancements in Big Data on consumer behavior
· Redefining existing roles and leveraging the ongoing development of the analytics capability
· IoT & Big Data Opportunity for Startups
· Crowd Sensing and Management
· e-Government, e-Commerce, e-Science using IoT & Big Data
· Big Data for Vertical Industries
· Emerging Services and Analytics
· Education, Business Process, Finance, Gaming, Business Integration as Services (-aaS)
· Big Data as a Service
· User Evaluations and Case Studies

Track 2: IoT, Big Data and Enabling Technologies
Sub Themes
· Technologies and innovations in the IoT generation
· Security, Privacy and Trust for IoT & Big Data
· Performance Evaluation and Modeling
· NextGen Networking and Communication Protocols
· Machine to Machine Communications
· Intelligent Systems for IoT and Services Computing
· IoT and Energy Efficiency
· Social Implications of IoT and Big Data
· Future of IoT and Big Data
· Technological focus for Smart Environments
· Smart City Examples and Case Studies
· Data Analysis and Visualization for Smart City, Green Systems and Transport Systems
· Architecture for secure and interactive IoT
· Intelligent Infrastructure and Guidance Systems
· Pattern Recognition and Behavioral Investigations for Vehicles, Green Systems and Smart City
· Modeling, Experiments, Sharing Technologies & Platforms
· SQL/NoSQL/NewSQL databases, Data Processing Techniques, Visualization and Modern Technologies
· Analytics, Intelligence and Knowledge Engineering
· Data Center Enabled Technologies
· Sensor, Wireless Technologies, APIs
· Networking and Social Networks
· Data Management for Large Data
· Software Frameworks and Simulations
· Volume, Velocity, Variety, Veracity and Value
· Software Engineering Approaches for Cloud
· Big Data Analytics
· Big Data Algorithms, Methodology, Business Models and Challenges
· Cloud Computing

Panel Discussion
Internet of Things and Big Data: Transforming Life and Business

CALL FOR PAPERS

GUIDELINES FOR ABSTRACT SUBMISSION

Selection of papers for presentation and discussion will be based on detailed abstracts of **300-400 words.** Abstracts must include a clear indication of the purpose of paper, major results, implications, key references and keywords. The author(s) should clearly mention under which track the paper may be included. They should adhere to the following:

Length : **300-400 words** excluding title/cover page and references

Font : Times New Roman

Font Size : 10 points

Spacing : 1.5

Title page : Title, author(s), affiliation(s), contact details

The experts will review abstracts and only those abstracts approved by the reviewers will be selected. Authors should submit one hard copy and a soft copy of the abstract in Microsoft Word format to the convener. The electronic copy should be mailed to **icmit2016@icfia.org.** Acceptance of the abstract implies that at least one of the authors will register, attend the program and present the paper.

GUIDELINES FOR SUBMISSION OF FULL PAPERS

One hard copy and one soft copy each of the full papers in Microsoft Word format of the abstracts selected for presentation will have to be submitted to the convener. The electronic version of the paper should be sent to **icmit2016@icfia.org**. Papers must include a clear indication of the purpose, major results, implications, and key references. They should adhere to the following:

1. One hard copy at the institute's address and an electronic version of the manuscript in MS Word format should be submitted via e-mail to the convener of the conference at **icmit2016@icfia.org**
2. Manuscript should be of 4000-5000 words approximately, excluding tables, graphs & charts.
3. All text should be in double space with 1-inch margins on all the sides on A4 size paper using Font Times New Roman of size 10.
4. The first page of the manuscript should have the title of the paper, name of the author(s), organizational affiliation, complete mailing address, phone number, fax number and email address. Please do not indicate author name, affiliation, or any other such information in the manuscript elsewhere.
5. Second page of manuscript should have the abstract of **300 to 400 words.**
6. All tables, charts, and graphs should be prepared on separate sheets, after the references section, and numbered continuously in Arabic numerical as referred to in the text. The sources, wherever necessary, should be mentioned at the bottom.
7. Last page of the manuscript must have a brief autobiographical sketch of all the authors, about 100 words for each author.
8. References should be arranged in alphabetical order using the **APA** Guidelines.

Selected quality papers presented in the conference may be considered for publication in Oorja, International Journal of Mgmt. & IT, ISSN No. 0974-7869, subject to approval through the Double Blind peer review process.

Papers must be formatted as per **APA style.**

Abstracts of selected papers will be published in the Book of Abstracts which will be released during the conference.

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IMPORTANT DATES

Last date for receiving abstracts	09 July, 2016
Information about acceptance of abstracts	16 July, 2016
Last date for submission of final paper	23 July, 2016
Last date for registration	06 August, 2016
Conference Dates	16-17 August, 2016

DURATION & VENUE

The programme is scheduled for two days, August 16-17, 2016 at IIIM Campus, Jaipur
The registration fee covers the conference kit, lunch and tea.

REGISTRATION DETAILS

Corporate/ Industry	₹ 1500
Faculty/Academicians	₹ 1000
Research Scholars	₹ 500
Students	₹ 250

PAYMENT MODE

Demand Draft in favor of ISIM, Jaipur, payable at Jaipur.
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ABOUT THE INSTITUTE

International School of Informatics & Management (popularly known as IIIM) is among the top three Management & IT education Institutes of Rajasthan. IIIM, the Technical Campus offers MBA & MCA programmes duly approved by the AICTE & affiliated to the Rajasthan Technical University, Kota. The RTU has recognized IIIM as a Research Center for Management & Computer Applications to offer the Ph.D. programme.

The institute, in its two decades of existence, has passed many a milestones and has earned accolades for itself and is among the top 50 Business Schools in the Country (Business World Survey, 2007, CSR GHRDC Survey, 2008, 2009). As per the Business World Survey, 2010 the institute is ranked 35th, and ISIM is the only institute in the state to be placed in the 'A'category as per the Business & Management Chronicle[s] All India B-School Survey 2013.

A total of 17 batches of MBA and 15 of MCA have successfully graduated and are well placed at senior management positions in National & International organizations. IIIMites engage themselves energetically and enthusiastically in various academic, co-curricular and research activities.

International School of Informatics & Management
Technical Campus
(Formerly India International Institute of Management)

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