



VENUE

Rome, one of the oldest cities in Europe, was the cultural, political and economic center of the powerful Roman Empire. It's an historical city where is possible to have a walk through the History with Roman ruins and renaissance buildings living together.

MORE INFORMATION AT: **WWW.IOTBD.ORG**

Contacts

Address: Av. D. Manuel I, 27A, 2º esq., 2910-595 Setúbal - Portugal

Tel.: +351 265 520 184

Fax: +351 265 520 186

E-mail: iotbd.secretariat@insticc.org



IoTBD.org



INSTICC is the Institute for Systems and Technologies of Information, Control and Communication, a scientific, non-profit, association whose main goals are to serve the international scientific community by promoting, developing and disseminating knowledge in the areas of information systems and technologies, control and communications.

More Information at: **www.insticc.org**

**Join for
Free Now!**

Membership will be
valid until December 31, 2016

No auto-renewal

www.insticc.org/myINSTICC

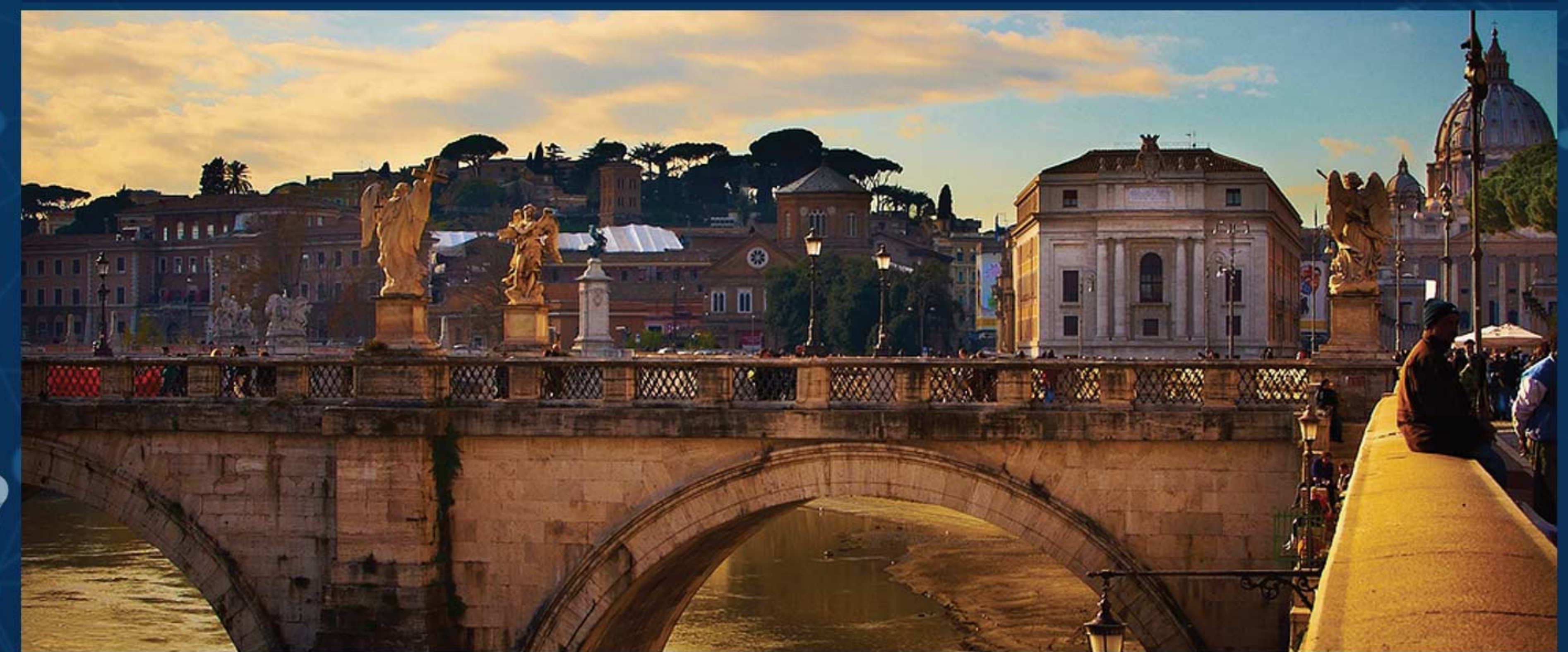
IoTBD 2016

International Conference on Internet
of Things and Big Data

23-25 April, 2016 | Rome, Italy

CONFERENCE AREAS

- Internet of Things (IoT) Fundamentals
- Internet of Things (IoT) Applications
 - Big Data Research
- Big Data and Complex Biological Science
 - Emerging Services and Analytics



Position Paper Submission: January 5, 2016

MORE INFORMATION AT: WWW.IOTBD.ORG

Internet of Things (IoT) is a platform and a phenomenon that allows everything to process information, communicate data, analyze context collaboratively and in the service of individuals, organizations and businesses. In the process of doing so, a large amount of data with different formats and content has to be processed efficiently, quickly and intelligently through advanced algorithms, techniques, models and tools. This new paradigm is enabled by the maturity of several different technologies, including the internet, wireless communication, cloud computing, sensors, big data analytics and machine learning algorithms.

Big Data is another paradigm to describe processing of data to make it 'make sense' to people using IoT. Big Data has five characteristics: volume, velocity, variety, veracity and value. There are reports that businesses and research communities equipped with Big Data skills can provide additional incentives, opportunities, funding and innovation to their long-term strategies. The new knowledge, tools, practices, and infrastructures produced will enable breakthrough discoveries and innovation in physical science, engineering, mobile services, medicine, business, education, earth science, security and risk analysis. For organizations that adopt Big Data, the boundary between the use of private clouds, public clouds, IoT is sometimes very thin to allow better access, performance and efficiency of analyzing the data and understanding the data analysis. A common approach is to develop Big Data in the IoT to deliver "Everything as a Service". In the process of doing so, innovative services known as "Emerging Services and Analytics" can be the highlight and strategic solutions to organizations adopting IoT and Big Data.

CONFERENCE CHAIR

- **Victor Chang**, Leeds Beckett University, United Kingdom

PROGRAM CO-CHAIRS

- **Muthu Ramachandran**, Leeds Beckett University, United Kingdom
- **Gary Wills**, University of Southampton, United Kingdom
- **Robert Walters**, University of Southampton, United Kingdom
- **Víctor Méndez Muñoz**, Universitat Autònoma de Barcelona, UAB, Spain

KEYNOTE LECTURES

- **Ling Liu**, Georgia Institute of Technology, United States
- **Peter Sloot**, University of Amsterdam, Netherlands; Complexity Institute Singapore, Singapore; ITMO St. Petersburg, Russian Federation
- **Verena Kantere**, University of Geneva, Switzerland
- **Donald Ferguson**, Columbia University, United States
- **Mohammed Atiquzzaman**, University of Oklahoma, United States

Satellite Events



The conference welcomes Satellite Event proposals, and the organizing team is ready to give full support to Workshops, Special Sessions, Tutorials, Demos or Panels that are submitted and get the approval of the advisory board.

To submit a Satellite Event proposal, please contact: ict4ageingwell.secretariat@insticc.org



SCITEVENTS is organizing this conference
Email: info@scitevents.com | www.scitevents.com

Publication and Indexation:



All accepted papers will be published in the conference proceedings, under an ISBN reference, on paper and on CD-ROM support. Moreover, all papers presented at the conference venue will be available at the SCITEPRESS Digital Library.



Papers available at the SCITEPRESS Digital Library will be given a DOI (Digital Object Identifier). SCITEPRESS is a member of CrossRef.



Journal of Information Management



International Journal of Organizational and Collective Intelligence



Open Journal of Big Data (OJBD)



Future Generation Computer Systems Journal



Journal of Network and Computer Application



THOMSON REUTERS
CONFERENCE PROCEEDINGS
CITATION INDEX



Inspec



dblp
computer science bibliography



Media Partners:



Your Technical Resource for
Sensing Communications, & Control



Best Paper Award Sponsored by:

Dell Research