The 2013 IEEE International Conference on

Internet of Things (iThings 2013)

http://www.china-iot.net/ithings2013.htm

Beijing, China, August 20-23, 2013

General Chairs

Vincenzo Piuri, Università degli Studi di Milano Italy Son Vuong, UBC Canada

General Co-Chairs

Didier El Baz, LAAS-CNRS France Pierre Paradinas, CNAM France

Executive Chairs

Huansheng Ning, Beihang University China Zhangbing Zhou, China University of Geosciences Beijing & Institute Mines-TELECOM /TELECOM SudParis, France Shuo Shen, China Internet Network Information Center China

Program Chairs

Shuang-Hua Yang, Loughborough University, UK Yen-Kuang Chen, Intel-NTU CC Computing Center Taiwan Mischa Dohler, CTTC, Barcelona Spain

Program Vice-Chairs

Payam Barnaghi, University of Surrey UK

Beihong Jin, Inst. of Software Chinese Academy of Sciences China Myungchul Kim, Korea Advanced Instit. of Sci. and Tech. Korea Juan Li, North Dakota State University USA

Xue Li, The University of Queensland Australia

Antonio Loureiro, Universidade Federal de Minas Gerais Brasil Geyong Min, University of Bradford UK

Surya Nepal, CSIRO ICT Centre Australia

Ye Tian, China Internet Network Information Center China

Colin Venters, University of Leeds UK

Phan Cong Vinh, NTT University, HCMC Vietnam

Chonggang Wang, InterDigital Communications USA

Junfeng Wang, Sichuan University China

Shangfei Wang, University of Sci. and Tech. of China China

Yanyong Zhang, Wi-Lab USA

Dakal Zhu, The University of Texas at San Antonio USA

Tao Hong, Beihang University, China

Panel Chair

Igor Kotenko, SPIIRAS Russia

Publicity Chairs

Philippe Cousin, Eglobalmark, France

Yang Liu, China Internet Network Information Center, China Yonghui Li, University of Sydney, Australia

Advisory Committee

Huadong Ma, Beijing Univ. of Posts and Telecom China Chung-Ming Huang, National Cheng Kung University, Taiwan Youguang Zhang, Beihang University China

Zhiliang Wang, University of Science & Technology Beijing China Xiaolin Qin, NUAA, China

Junying Gan, Wuyi University, China

Workshop Chairs

Bin Guo, Northwestern Polytechnical University China Hanmin Jung, KISTI Korea

Steering Committee

Jianhua Ma (Chair), Hosei University, Japan Laurence T. Yang (Chair), St Francis Xavier University, Canada Zhikui Chen, Dalian University of Technology, China Feng Xia, Dalian University of Technology, China Julien Bourgeois, UFC/FEMTO-ST Institute, France

Program Committee

See website: http://www.china-iot.net/ithings2013.htm

Contact Information: ithings2013@googlegroups.com

Important Dates

Paper Submission Deadline: May 19, 2013 Notification of Acceptance: June 20, 2013 Camera-Ready Paper Due: July 10, 2013

INTRODUCTION

Internet of Things (IoT) brings promising opportunities and challenges. It attracts great attentions, and has important economic and social values. IoT will play a key role in the next generation of information, network, and communication developing. Future IoT may bring us an era of "harmony of man with nature", which means harmony fusion of Physical-space, Cyber-space, and Social-space. We will witness emancipation not only from onerous labor works brought by machine-human interface, but also from the spatial-temporal constrains in Physical-space, and will achieve substantial benefits from IT development.

The 2013 IEEE International Conference on Internet of Things (iThings 2013) will provide a high-profile, leading-edge forum for researchers, engineers, and practitioners to present state-of-art advances and innovations in theoretical foundations, systems, infrastructure, tools, testbeds, and applications for the Internet of Things, as well as to identify emerging research topics and define the future. iThings 2013 is the next edition of the successful series, previously held as iThings 2012 (Besançon, France), iThings 2011 (Dalian, China), IOTS 2010 (Hangzhou, China), MINES 2009 (Hangzhou, China), and MINES 2008 (Chengdu, China).

SCOPE AND INTERESTS

Topics of interest include, but are not limited to:

Track 1. Architecture and Infrastructure

Track 2. System Design Modeling and Evaluation

Track 3. Distributed Sensing and Control

Track 4. Networks and Communications

Track 5. Intelligent Data Processing and Ubiquitous Computing

Track 6. Intelligent Management

Track 7. Reliability, Security, Privacy and Trust

Track 8. Applications, Business, Standards and Social Issues

SUBMISSION GUIDELINES

Authors are invited to submit original papers that MUST NOT have been submitted to or published in any other conference, workshop or journal. Full Papers (up to 8 pages) and Short Papers (up to 4 pages) are solicited. Detailed submission instructions can be found on the conference website http://www.china-iot.net/iThings_submission.htm. All papers will be reviewed by peer-reviewers and Program Committee Members for significance, originality, accuracy, and clarity.

PAPER PUBLICATIONS

Each submission should be regarded as an undertaking that, if the paper is accepted, at least one of the authors must attend the conference to present the work in order for the paper to be included in the IEEE Digital Library. Accepted papers will be published in the proceedings of iThings'13 by IEEE Computer Society (EI indexed). Extended versions of selected papers will be considered for publication in several SCI-index international journals (See website).

WORKSHOP PROPOSAL

Please, submit a Workshop proposal including call-for-papers, Organizing Committee, important dates, short bio of the organizers to the iThings 2013 workshop chairs:

Bin Guo <u>guobin.keio@gmail.com</u> and Hanmin Jung, jhm@kisti.re.kr

Workshop proceedings will be published together with the Conference proceedings. The Workshops with more than 15 papers will be granted with a free complimentary registration for the leading Workshop organizer.