

# The 10th IEEE International Conference on Internet of Things (iThings-2017)

21-23 June 2017, Exeter, UK



## Welcome to IEEE iThings-2017

### Welcome Message

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The 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 systems. 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 labour 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 2017 IEEE International Conference on Internet of Things (iThings-2017) will provide a high-profile, leading-edge forum for researchers, engineers, and practitioners to present state-of-the-art advances and innovations in theoretical foundations, systems, infrastructure, tools, testbeds, and applications for the IoT, as well as to identify emerging research topics and define the future.

### Scope and Topics

IEEE iThings 2017 will be held on 21-23 June 2017 in Exeter, Devon, UK.

**Topics of interest include, but are not limited to:**

#### Track 1: IoT enabling technologies

- Efficient architectures for IoT
- Sensor and sensing technologies
- Actuator and acting technologies
- Low power and energy harvesting
- Real-time systems
- IoT data analytics
- Cloud-based IoT
- Embedded software
- Smart devices

#### Track 2: IoT networking and communications

- Wireless sensor networks
- Machine-type communication
- Wireless communication protocols
- Wireless networking
- Self-organizing design
- Efficient routing protocols
- Networking for emergency IoT
- Radio frequency identification
- Lightweight communication protocols for IoT

#### Track 3: IoT services and applications

- Streaming data management system
- Data mining platforms for IoT
- Service middleware
- Open service platform
- Semantic service management
- Security and privacy-preserving protocols
- Design examples of smart applications
- IoT application support

#### Track 4: IoT industries, education and others

- Industrial IoT applications
- Agriculture IoT applications
- Environment Monitoring
- Business system for IoT
- Experimental platforms
- Education for IoT
- Open topic for future IoT


### Important Dates


Workshop/Special Session Proposal Due:	31 January 2017
Paper Submission Deadline:	16 February 2017
Authors Notification:	22 April 2017
Camera-Ready Paper Due:	15 May 2017
Early Registration Due:	25 May 2017
Conference Date:	21-23 June 2017


### Conference History





### Sponsors


 [iThings 2016](#), Chengdu, China


 [iThings 2015](#), Sydney, Australia

 [iThings 2014](#), Taipei, Taiwan

 [iThings 2013](#), Beijing, China

 [iThings 2012](#), Besançon, France

 [iThings 2011](#), Dalian, China

 [IOTS 2010](#), Hangzhou, China

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