

## ISCIT Workshop On

### Innovative communication solutions for Industrial IoT

With numerous success stories, Internet of Things has redefined the consumer facing industries such as financial, retail, media etc. Traditional and slow changing industrial domain is late to attend the internet revolution. The IoT adoption in manufacturing, energy, water, transportation, oil-gas, and chemical etc. industries has proven to be beneficial in providing business value by transforming the way data is utilized in decision making and visualization. IoT in industrial domain has enabled faster time to market, improved productivity, business innovation and operational excellence.

However industrial IoT (IIoT) is currently in its early stages. Many important questions such as impact of IIoT on existing industries, business model, workforce and value chain; technical barriers in implementation, role of policy makers, are yet to fully resolved. Reliable and secured communication is one of the biggest challenges surrounding the implementation of IIoT. There is a need to get all stakeholders from industry, academia and standardization bodies together to discuss the challenges of communication solutions for IoT; share experience, ideas with wider audience to ensure long term success of IIoT. The workshop is a step towards this bigger goal.

The technical topics of interest to the workshop include, but are not limited to:

- Industrial IoT Communication Infrastructure
- Industrial IoT Devices and Communication Platforms
- Local/Remote wired/wireless short/long range communication technologies, protocols and frameworks
- Connectivity challenges, solutions and deployments
- Network planning, management and governance
- Security, trust, and privacy issues for devices and services
- Enabling Communication Technologies for Industrial IoT Systems:
  - Asset Tracking, Management
  - Resource Optimization
  - Device/Machine condition monitoring
  - Plant monitoring
  - Localization
  - Indoor/outdoor tracking
  - Remote Service and Maintenance
  - Navigation
- Predictive analysis for industrial use cases, communication networks and security

### Important Dates

Submission deadline: 31 July 2017

Acceptance notification: 07 August 2017

Camera ready: 14 August 2017

To submit your paper to workshop **Innovative communication solutions for Industrial IoT** of ISCIT 2017 [click here](#) or proceed to (<https://edas.info/newPaper.php?c=23355&track=86818>).

Papers submitted to Workshop if accepted and presented at the conference, will be published in IEEE Xplore and indexed in the Elsevier Ei Compendex. If you wish to have your paper considered for this Workshop, Please make the selection 'Innovative communication solutions for Industrial IoT' during the paper registration on EDAS. Please refer to [Author Guidelines](#).

## Guest Workshop Chairs

Rahul Gore ABB Corporate Research Center, Bangalore, India.

Apala Ray, ABB Corporate Research Center

## TPC Members

Dacfey Dzung, Corporate Fellow, ABB Corporate Research Center, Switzerland

Dr. Uday Mhaskar, University of Queensland, Australia; Schneider Electric, India

Sunit Saxena, Senior Manager, Honeywell, India