

# CALL FOR PAPERS 2019

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### 1. PRESENTATIONS

Participants are invited to submit original abstracts/papers for presentation provided that the work is original or extended from a previous presented work. We require a use case to be presented for all vertical industry tracks including Manufacturing, Healthcare, Connected Transport, Energy & Utilities, Buildings & Infrastructure, Open Industry, Enabling IOT, Blockchain and Artificial Intelligence & Cognitive Systems. The definition of use case is one of an IoT solution and/or application in an industrial environment that delivers lessons learned, collaboration strategies, the latest approaches in new solutions to new and existing challenges, with the goal of a positive business outcome to the customer. Outcomes can be defined as improved efficiency, reliability, asset management, remote monitoring, increased productivity, decreased downtime, increased profits, decreased costs, etc. Ideally, we would like to have the end user customer included in the presentation. We also encourage multiple speakers of collaborating companies to present in a co-presentation format in a panel discussion.

#### USE CASE CRITERIA

Your Name, Title, Company	Customer Company Name  Will Customer Be Part of Presentation?	Topic of Use Case Choose from list of topics below	Format of Presentation; Panel, Co-Presentation, Interview, Individual Speaker
Category: manufacturing, energy, healthcare, etc. Choose from list below	Challenge/What problem is the solutions addressing?	Use of IIoT/ Blockchain/AI technologies, products, services	Other vendor companies that collaborated in the solutions/deployment if applicable

## WHAT DEFINES THE END USER IN A USE CASE PRESENTATION?

The end user as referred to in the term “use case” is the company that is receiving the business outcome of an industrial IoT/Blockchain/AI solution. The end user is the company that hires the vendor(s) to develop and assist them in the development and/or implementation of the industrial IoT/Blockchain/AI solution(s) and are the direct beneficiaries of the results that the solution(s) provided, i.e. improved productivity, remote monitoring, predictive maintenance, improved security, reduced costs, new revenue streams, asset management, improved safety, etc.

The end user is not an industrial IoT/Blockchain/AI solutions provider or integrator, rather they are the recipient of the solution. Therefore, if you sell your technology to another industrial IoT/Blockchain/AI provider who then wraps it into a more robust solution, they are not the company of which to build your use case presentation. Rather the use case should be built on the customer they then sell the more robust solution to that includes your technology.

Our audience is interested in hearing the business outcome metrics of these end user companies and in as many presentations as possible to hear it directly from the end user customer, if they are available to join the presentation. If the customer cannot attend, please attain permission from the end user customer to the best of your ability to present their use case and the business outcome metrics they have experienced. We understand that some companies do not wish to have their names presented publicly, however will allow their use case to be presented.

Categories for use case submissions include but are not limited to:

Manufacturing	Energy & Utilities	Buildings & Infrastructure
Connected Transport (includes Logistics)	Open Industry (includes all other industries such as Agriculture, Retail, Mining, Finance, etc.)	Enabling IoT
Healthcare		AI & Cognitive Systems
		Blockchain Solutions
		Other: _____

Topics include but are not limited to:

3D Printing	Emotional Recognition	Platforms
Adaptive Design	Energy Harvesting	Predictive Analytics
Augmented Reality	Energy Storage	Predictive Maintenance
Automation	Fog Computing	Printable Circuits
Autonomous Vehicles	Graphene	Remote Monitoring
Big Data	IIoT Implementation roadmap	Responsible deployment of AI
Business Transformation	Increased Productivity	Revenue Streams
Cloud Computing	Increased Revenue	Robotics
Collaboration	Industry 4.0	Rover
Customer Service	Innovation	Security
Cyber Security	Innovative Technologies	Sensors
Data Analytics	Interoperability	Services
Data Ownership	IoT Appliances/Gateway	Smart Factory
Data Privacy, Ethics and Trust	Lessons Learned	Smart Materials (e-Fabrics, etc).
Data Storage	Machine Learning	Standards
Deep Learning	Mixed Reality (Augmented, Virtual)	Submersibles
Drones	New Business Models	Virtual Reality
Edge Computing		Voice Interface
		Workforce Skills Gaps



## PRESENTATIONS WILL BE AVAILABLE AFTER THE CONGRESS.

IOTSWC requires an exclusive waiver to publish the accepted abstract/paper which you need to grant on behalf of all authors of the abstract/paper as part of your submission.

Authors are requested to conform to these use case guidelines for submission of abstracts for vertical industry tracks including Manufacturing, Healthcare, Connected Transport, Energy & Utilities, Buildings & Infrastructure, Open Industry, Enabling IoT, Blockchain and AI & Cognitive Systems. Abstracts not conforming to the use case guidelines will not be referred for review. Abstracts must be submitted and presented in English.

The time allotted for each presentation will be a total of 45 minutes which will include 35-40 minutes of presentation time and 5-10 minutes of Q&A.

Submission of an abstract constitutes a formal commitment by the author to present the abstract in the session and at the time decided upon by the IOTSWC Program Committee. Any change in the presenting author needs to be communicated in the form of a written statement to the Program Director. If the original presenting author is unable to present the abstract, it is the original author's responsibility to ensure that a qualified speaker from the same company can speak to the specific accepted paper. Failure to present the abstract as submitted for other than well-founded reasons will lead to rejection of abstracts submitted for future IOTSWC Conferences.

The registration fee for the presenting author(s) will be waived. Once your paper has been accepted you will be included on a complimentary registration list of which FIRA Barcelona will process your registration(s) gaining you full VIP access to the congress. You will arrive on site and pick up your credentials at the VIP counter in the registration area at FIRA Barcelona Gran Via. All speakers will have VIP access throughout the event and can attend all conference sessions and have access to the exhibit floor during the congress as well as all networking events open to attendees.

Bearing in mind the various security measures and firewalls, please ensure that emails can reach you by adapting your spam filter accordingly. Detailed information, guidelines and recommendations for presentation, as well as time allotment, date, and hour, will be sent in plenty of time to authors whose abstracts are accepted for presentation at the Conference.

Once your paper is accepted, you will be required to ensure that FIRA Barcelona has all necessary information as required for marketing purposes including: session description edited for website, photo, biography as per the deadlines sent to you upon your acceptance.

## 2. TIMELINE

The submission process has 5 major steps:

**Abstract submission:** Abstracts must be submitted by April 14, 2019.

**Program Director Review:** January - April. All papers will 1st be reviewed by the Program Director to ensure use case submission as required for vertical tracks and general criteria is met before forwarding to the Program Committee for final review.

**Abstract Revision:** January - April. Authors will be asked to revise their submission to meet criteria if needed.

**Committee Review:** April - May, 2019. The submitted abstracts will be reviewed by the Program Committee. Authors may again be asked for additional information from the Program Committee during this time.

**Abstract author's notification:** All the authors whose abstracts have been approved will be notified of their acceptance or rejection between in June 2019.

## 3. PAPERS/CONFERENCE PROCEEDINGS

Papers can be submitted via a link on the event website until April 14, 2019 and will be published in an open access database for easy access from the Program Committee and Program Director. In submitting a paper, the authors agree with its publication in this open access database.

For publication in the Conference Proceedings authors need to be accepted as a speaker in the conference program.

Presentations will be published as Proceedings, which will be made available to all attendees after the Conference, from the IOTSWC website.

For publication in the Proceedings it is required, that the content of the submitted paper is presented by the author(s) as indicated in the abstract submission at the Conference.

Otherwise, papers will NOT be accepted for publication.

## 4. PREPARATION OF THE PAPER

For preparation of your paper please go to the Call for Papers link on the IOTSWC website.

Please provide your use case presentation as required for vertical industry tracks within the character guidelines as dictated in the submission form. Please note that the short abstract will be utilized for marketing purposes and must be no more than 450 characters including spaces. Please note that the server will only accept submissions that are within the character limits for each section of the submission.

## 5. CONTACT

Technical office

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