Call for Virtual Demonstrations

The I2MTC 2021 Conference offers a dedicated session for "Virtual Demonstrations of Instrumentation and Measurement Technologies" to allow an interactive presentation of novel proof-of-concepts or scientific prototypes. This provides an engagement opportunity for researchers from industry and academia to present virtual demonstrations of the outcomes of their R&D activities.

We welcome submissions in all areas within the scope of the I2MTC 2021 conference, with virtual presentations taking place through recorded experimental demonstrations, interactive hardware and software prototypes, or experimental setups.

In response to the conditions caused by COVID-19 the whole I2MTC conference has moved to a virtual event. The demonstrations will therefore also take place in a virtual environment and we are looking for recorded demonstrations of around 15min length combined with live online Q&A sessions about the demonstrations. The dedicated Virtual Demonstrations session will enable presenters to have a direct engagement and interaction with conference attendees about latest experimental and interactive results. A "Best Demonstration Award of I2MTC 2021" will be selected from the works presented at the conference, recognizing the top virtual demonstration and interactive presentation in the Demonstrations session.

Instructions for submission:

Proposals for virtual demonstrations should consist of a 2-page maximum description of the demonstration, using the same page formatting as for regular I2MTC papers. It is mandatory to include at least one reference to a previous publicly accessible publication related to the demonstration.

Proposal Requirements:

The 2-page demonstration proposal must contain the following information; failure to include this information may result in rejection of the submission:

1. **Demonstration title and author information:** The title must begin with "Virtual Demonstration:" followed by the title of the Demonstration and the author list and details.

2. **Motivation and background:** Please describe how the proposed work advances the current state of the art of the field of Instrumentation and Measurement.

3. **Demonstration setup:** Describe the demonstration and equipment that will be recorded for the presentation at IEEE I2MTC 2021. Include photographs and/or screenshots that highlight the work that will be shown in the demonstration description.

   a. Presenters and demonstrations teams are solely responsible for the cost of creating the demos and recording of their demos. Instructions and guidelines for recordings will be provided to accepted demonstrations.

b. For an accepted demonstration paper, the authors should also prepare a virtual poster to summarize and further explain the demonstration which will be used as background for the Q&A sessions.

4. **Visitor experience:** Explain the way in which a visitor will experience your recorded demonstration, how it highlights the essence of your R&D work, furthers understanding, and what the visitor will learn.

5. **Previous publications:** Please include one or more references to your previously published work relating to the scientific/technical background of your virtual demonstration. This reference must be publicly accessible for the Demo Co-Chairs and reviewers – a URL is highly recommended! Inaccessible references will lead to rejection.

Proposal timelines and submission process

Proposal submission date: January 15, 2021

Proposal decision date: January 29, 2021

Authors are invited to submit their 2-page demo description by 15 January 2021 using the Virtual Demonstration track of the I2MTC 2021 Conference Paper Submission system. **As back-up, please also submit your proposals by e-mail to the Demo Co-Chairs.** Proposals will be evaluated based on the timeliness of the topic, the interactive aspect of the work and the novelty, quality and safety of the proposed demonstration. Notification of acceptance will be sent to the authors by 29 January 2021. All demo authors/presenters will be required to register for the I2MTC 2021 conference.

General information about the I2MTC 2021 conference can be found at https://i2mtc2021.ieee-ims.org while additional information about the Virtual Demonstrations can be obtained by contacting the people named below:

Demonstration Co-Chairs:

Ralf Bauer, University of Strathclyde, Glasgow, UK (ralf.bauer@strath.ac.uk)

Sebastian Yuri Catunda, Federal University of Rio Grande do Norte, Natal, Brazil (catunda@dca.ufrn.br)

Information Contact:

Laura LeBlanc, Conference Catalysts (lleblanc@conferencecatalysts.com)