

## Call for Contributions

**1. Inform the Chair:** with the Title of your Contribution

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICONS+2021+Special>

Please select Track Preference as **WiSEB 2021**

**3. Note:** *For 2021, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

## WiSEB 2021: Widening Systems Engineering Borders

### Chairman

Giulio Telleschi, MBDA, Italy

[giulio.telleschi@mbda.it](mailto:giulio.telleschi@mbda.it)

### Coordinator

Matteo Fasano, MBDA, Italy

[matteo.fasano@mbda.it](mailto:matteo.fasano@mbda.it)

along with

ICONS 2021, The Sixteenth International Conference on Systems

<https://www.iaria.org/conferences2021/ICONS21.html>

April 18, 2021 to April 22, 2021 - Porto, Portugal

Systems engineering is promoting a holistic approach by definition; how can we push forward its concepts and have a wider adoption of its fundamentals?

We are calling for contributions on how systems engineering is fruitfully applied in different fields, typically reserved to non-engineers, the issues related to such extension and the blockers related to its broader adoption.

Defense, automotive, Internet of Things (IoT) and medical industries are keen to systems engineering practices but with limited access with respect to the company population; business development, sales and customer service are usually not involved in systems engineering practice, as an example.

Moreover, complex systems have no-longer strict sector boundaries and crossing those boundaries (e.g., openness to civil society, social-technical involvement, etc.) opens the doors to a wide range of opportunities and new challenges that we would like to address.

We encourage contributions ranging from theoretical studies, through systems engineering from scratch, to case studies.

### Topics include, but not limited to:

- Theoretical approaches to widen systems engineering adoption
- Systems engineering for non-engineers
- The liaison between systems engineers and matter experts
- Abstraction as the key to solve interdisciplinary problems

### Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on [www.iaria.org](http://www.iaria.org)]

- Presentations: slide only [slide-deck posted on [www.aria.org](http://www.aria.org)]
- Demos: two pages [posted on [www.aria.org](http://www.aria.org)]

### **Important Datelines**

Inform the Chair or Coordinator: As soon as you decide to contribute

Submission: March 4, 2021

Notification: March 20, 2021

Registration: April 1, 2021

Camera ready: April 1, 2021

*Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.*

### **Paper Format**

- See: <http://www.aria.org/format.html>

- Before submission, please check and comply with the editorial rules:

<http://www.aria.org/editorialrules.html>

### **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.ariajournals.org>

- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>

- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

### **Paper Submission**

<https://www.ariasubmit.org/conferences/submit/newcontribution.php?event=ICONS+2021+Special>

Please select Track Preference as **WiSEB 2021**

### **Registration**

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.

- Registration fees are available at <http://www.aria.org/registration.html>

### **Contact**

Chair: Giulio Telleschi [giulio.telleschi@mbda.it](mailto:giulio.telleschi@mbda.it)

Coordinator: Matteo Fasano [matteo.fasano@mbda.it](mailto:matteo.fasano@mbda.it)

Logistics: [steve@aria.org](mailto:steve@aria.org)