



Digital Twin

# DigiTwin 2023 (Online )

## The 3<sup>rd</sup> Digital Twin International Conference

11<sup>th</sup>-13<sup>th</sup> October 2023

Gif-sur-Yvette, France

### Organizers

- LURPA (Automated Production Research Laboratory)
- Paris-Saclay University, France
- Ecole Normale Supérieure Paris-Saclay, France
- Digital Twin (<https://digitaltwin1.org>)
- Taylor & Francis Group

### Co-Organizer

- Digital Twin International Research Center, Beihang University.
- S.smart
- SAGIP
- GDR MACS
- IRT SystemX

### International Advisory Committee

The conference is organized under the strategic guidance of the Digital Twin International [Advisory Committee](#). The Digital Twin International Advisory Committee consists of 97 experts from 20 countries, including 14 academicians from 8 countries in various fields and 1 Nobel Prize Winner.

### Honorary Chairs

- Alain Bernard, France
- Andrew Y C Nee, Singapore

### Conference Chairs

- Nabil Anwer, Paris-Saclay University, France
- Fei Tao, Beihang University, China

### Organizing Committee

#### Organization Chairs

- Nabil Anwer (France)
- Eng Guan Ang (China/Singapore)
- Tianliang Hu (China)

#### Session Chairs

- Benoit Eynard (France)
- Ang Liu (Australia)
- Makhlouf Hadji (France)

#### Award Chairs

- Vincent Cheutet (France)
- Samir Lamouri (France)
- Xiaojun Liu (China)

#### Presentation Chairs

- Wright Guillaume(UK)
- Rodgers Monti (UK)
- Yongdong Li (China)

#### Propaganda Chairs

- Charyar Mehdi-Souzani(France)
- Gregory Faraut (France)
- Tingyu Liu (China)

### Secretaries

- Yifan Qie [yifan.qie@ens-paris-saclay.fr](mailto:yifan.qie@ens-paris-saclay.fr) (France)
- Qinglin Qi [kylin3366@buaa.edu.cn](mailto:kylin3366@buaa.edu.cn) (China)

The 3<sup>rd</sup> Digital Twin International Conference (**DigiTwin 2023**) will be held on 11<sup>th</sup>-13<sup>th</sup> Oct. 2023 in Gif-sur-Yvette, France. This year, the conference will be held **online**. The DigiTwin 2023 is organized under the guidance of Digital Twin International Advisory Committee, devoted to the dissemination of new ideas, research and works in progress within the fields of digital twin.

**Conference Theme: Making Digital Twins for a Changing World**

#### Conference Aim:

Digital twin (DT) technology has taken the world by storm in the last 10 years, and its application has been prolific, covering engineering, biological and medical sciences, city planning, etc. **DigiTwin 2023** aims to gather world-renowned scholars to share the latest scientific research results, discuss technological frontiers, and build a high-level international exchange platform and lead the innovation and development of science, technology, and engineering in the field of digital twin.

#### Conference Scope:

DigiTwin 2023 will accommodate a wide spectrum of topics on digital twin, including but not limited to:

- Digital twin concept, architecture, and framework
- Digital twin theory, method, key technologies and tools
- Digital twin service, security, standards
- Digital twin driven smart manufacturing
- Digital twin city
- Digital twin healthcare
- Digital twin energy
- Novel applications of digital twin in aviation, automotive, product engineering, digital healthcare, smart city, industrial engineering, engineering management, robotics, transportation, environment, energy, agriculture, mining, cybersecurity, metaverse, standardization, etc.

#### Call for Conference Abstract:

Papers are invited from prospective authors with interests in the indicated conference topics or related areas. A 1-page executive abstract of a potential paper needs to be submitted to the DigiTwin2023 website (<https://digitwin2023.sciencesconf.org/>) using the provided template before the submission deadline.

Conference participants are cordially invited to propose technical presentations on digital twin related topics. The presentation time is 30 minutes, including 25 minutes for presentation + 5 minutes for Q&A. The presentation template will be available on the DigiTwin2023 website.

Full papers are encouraged to be submitted to the open-access journal, Digital Twin, at <https://digitaltwin1.org>. **Publication fees will be paid by our sponsors for the awarded abstracts.** More information about Digital Twin, especially regarding the submission procedure, can be found at <https://digitaltwin1.org/for-authors/article-guidelines/>. **The articles will be published online with a valid DOI at the soonest 14 days since submission**, followed by open peer review.



### Important Dates:

Conference abstract Submission Deadline: 1<sup>st</sup> Sept. 2023

Notification of acceptance: 10<sup>th</sup> Sept. 2023

Deadline for Conference Registration: 30<sup>th</sup> September 2023

Conference date: 11<sup>th</sup>-13<sup>th</sup> October 2023

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