



**CALL FOR PAPERS
SPECIAL SESSION ON**

Application of Digital twin industrial infrastructure

for ICCAD 2026

July 7-9, 2026, Lisbon, Portugal

Session Co-Chairs:

- Prof. Simon Collart Dutilleul, Research Director at Université Gustave Eiffel, France, Simon.Collart-Dutilleul@univ-eiffel.fr
- Prof. Anis Mhalla, University of Monastir, Tunisia, Anis.mhalla@enim.rnu.tn

Session description:

This special session deals with new solution provided by digital twin technological framework. Actually, the digital twin concept is to provide a structured knowledge associated to production data allowing to perform fast a reliable computation corresponding to condition checking or more elaborate reasoning. The emergence of a normative context allows new industrial application, especially for critical domain, like transport or food industries.

The session proposes to foster outbreaking studies and application, hoping cross fertilization from academic and industrial people from various industrial domain in order to discuss the genericity and the efficiency of the last scientific results.

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

- Digital twin of manufacturing systems;
- Digital twin of transport infrastructures;
- Latest advances of IA for Digital Twins.

SUBMISSION

Papers must be submitted electronically for peer review by: **January 31, 2026**
<https://www.iccad-conf.com/submission/>

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).