



The Seventh International Conference on Big Data and Internet of Things (BDIoT'24)

April 17-18-19, 2024

ENSA, Sidi Mohammed Ben Abdellah University in Fez, Morocco



The first international workshop on Industry 4.0 and Advanced Manufacturing

Welcome to (I^{4.0}AM'24)

Workshop Overview:

Industry 4.0 represents the integration of connected intelligence to propel increased productivity, elevated quality, enhanced flexibility, heightened safety, and optimized resource utilization within manufacturing enterprises. This paradigm shift is underscored by the pivotal role played by advanced manufacturing technologies, notably Robotics and Additive Manufacturing.

The International Workshop on Industry 4.0 and Advanced Manufacturing stands as a pivotal event designed to provide a comprehensive platform. It aims to bring together stakeholders from academia and industry, fostering collaborative discussions on the inherent nature, evolving needs, persistent challenges, emerging opportunities, existing problems, and innovative solutions within this transformative landscape. The workshop's distinctive focus is on creating an expansive platform to explore diverse pathways in envisioning a future for Industry 4.0 that is sustainable, affordable, and inherently human-centric.

This workshop aspires to go beyond dialogue and serve as a catalyst for actionable insights. It seeks to showcase cutting-edge practices, groundbreaking research, and educational innovations in this critical and rapidly evolving field. By doing so, the workshop becomes a nexus for transformative ideas, collaborative efforts, and the sharing of knowledge that propels Industry 4.0 into new realms of possibility.

Topics:

Topics to be included, but are not limited to:

Smart Manufacturing Systems	Education models in Industry 4.0
Big Data Analytics in Manufacturing	Industrial and virtual sensors
Advanced Manufacturing Technologies	Supply Chains Digitization
Human-Machine Collaboration	Blockchain in Manufacturing
Smart maintenance in Manufacturing	Augmented Reality (AR) and Virtual Reality (VR) in Manufacturing
Industrial Internet of Things	Human-Centric Design in Industry 4.0
Logistics 4.0	

Publication Opportunity:

Accepted and presented articles at I^{4.0}AM'24 will be published in the conference proceedings, which are indexed by Scopus and published by Springer.

Submission Guidelines:

We invite contributions in various forms:

- Research Papers.
- Demos and Prototypes
- Panel Discussions
- Case Studies
- Innovations
- Poster Presentations

Interested authors are encouraged to consult the conference's guidelines for manuscript submissions, which can be found at <http://www.amers.org/bdiot/cfp.php?menu=cfp>. These guidelines provide detailed information on formatting, length, and other important considerations for submitting your contributions.

Important Dates:

Submission Deadline: **January 28, 2024**
Notification of Acceptance: February 18, 2024
Workshop Date: April 17-18-19, 2024

ORGANIZING COMMITTEE

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