

## | About the Conference

### SCOPE

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The International Congress on Blockchain and Applications (BLOCKCHAIN'25) will be held in University of Lille (France) from 25th-27th June, 2025. This annual congress will bring together researchers and practitioners of blockchain and other distributed ledger technologies (DLT), who will share ideas, projects, lectures, and advances associated with those technologies and their application domains. This meeting will be co-located with the PAAMS'25 conference.

Among the scientific community, the advance in next-generation blockchain and distributed ledger technologies is seen as a promising combination that will transform the production and manufacturing industry, media, finance, insurance, e-government, agriculture, energy, or even medicine. Besides, the combination of DLT with other cutting-edge disruptive technologies (AI, metaverse, quantum computing...) will open up a multitude of amazing opportunities that entail an interesting challenge of research at the same time.

### 📅 Important Dates

**JUN 25** CONFERENCE DATE  
**June 25-27, 2025**

The BLOCKCHAIN'25 congress is devoted to: promoting the investigation of next-generation blockchain and DLT technologies; exploring the latest ideas, innovations, guidelines, theories, models, technologies, applications and tools of blockchain/DLT combined with other cutting-edge technologies; and identifying critical issues and challenges that researchers and practitioners must deal with in future research. We want to offer researchers and practitioners the opportunity to work on promising lines of research and to publish their developments in this area.

[info@blockchain-congress.net](mailto:info@blockchain-congress.net)

## TOPICS

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

Technologies and techniques

Key and innovative theories, methodologies, schemes and technologies of blockchain and AI

Architectures and platforms for blockchain and AI

Blockchain and AI for Big Data

Blockchain and AI for Multi-Agent systems

Blockchain and AI for the Internet of Things

Blockchain and AI in 5G

Sensors and devices for blockchain

Distributed consensus mechanisms (PoW, PoS, PoE...)

Encryption algorithms  
Fault tolerance mechanisms  
Other distributed ledger technologies  
Cloud, fog, and edge computing approaches for blockchain  
Blockchain standardization issues  
Platforms for smart contracts  
Side-chain and cross-chain systems  
Anonymity and privacy in blockchain  
Malicious transactions detection  
4th and 5th generation blockchain

## Applications

Blockchain and AI enabled new business models and applications  
Blockchain and AI for e-commerce  
Blockchain and AI for logistics and transportation  
Blockchain and AI for supply chain management  
Blockchain and AI for product life cycle  
Blockchain and AI for knowledge and innovation management  
Blockchain and AI for agriculture  
Blockchain and AI in eHealth  
Applications of cryptocurrencies  
Blockchain as a Tamper-Proof Technology  
Application of smart contracts  
Blockchain Governance and Human Rights  
Applications of blockchain and AI in other domains.  
Use-cases of blockchain and AI in Industry 4.0, banking, etc.  
Blockchain and AI for fintech  
Blockchain and AI for insurtech

## PLENARY SPEAKERS

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Dirk Helbing, ETH ZurichSwiss (Switzerland)

Pascale Fung, Senior Director of AI Research, Meta-FAIRHong Kong

## COMMITTEE

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General Chair

Rafael Pastor Vargas, UNED (Spain)

TPC Chair

Javier Prieto, Chair of the IEEE Blockchain Spain Initiative, University of Salamanca (Spain)

Workshops Chair

José Manuel Machado, University of Minho (Portugal)

Advisory board

Abdelhakim Hafid, Université de Montréal (Canada)

Paulo Vieira, Guarda Polytechnic Institute (Portugal)

Óscar Lage, Tecnalia (Spain)

Ashok Kumar Das, IIIT Hyderabad (India)

António Pinto, Instituto Politécnico do Porto (Portugal)

Paulo Leitao, Technical Institute of Bragança (Portugal)

Francisco Luis Benitez Martínez, Fidesol (Spain)

Pedro Nevado, University of Salamanca (Spain)

Organizing committee

Philippe Mathieu , University of Lille (France) Chair

Anne-Cécile Caron, University of Lille (France)

Antoine Nongaillard, University of Lille (France)

Jarod Vanderlynden, University of Lille (France)

Jules Bompard, University of Lille (France)

Erwan Martin, University of Lille (France)

CALL FOR WORKSHOP PROPOSALS

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All papers must be formatted according to the LNNS template, with a maximum length of 10 pages, including figures and references:

Microsoft word format.

LaTeX Format

Overleaf template

All proposed papers must be submitted in electronic form (PDF format) using the BLOCKCHAIN conference management system.

BLOCKCHAIN welcomes the submission of papers and gives preference to the topics listed under the call. All submitted papers will undergo a thorough review process; each paper will be refereed by at least three experts in the field based on relevance, originality, significance, quality and clarity.

The papers must consist of original, relevant and previously unpublished sound research results related to any of the topics of the conference.

Accepted papers will be included in BLOCKCHAIN Proceedings. At least one of the authors will be required to register and attend the symposium to present the paper in order to include the paper in the conference proceedings. All the accepted papers will be published by Lecture Notes in Networks and Systems series of Springer Verlag.

\*\* Indexing: The books of this series are submitted to DBLP, INSPEC, Norwegian Register for Scientific Journals and Series, SCImago, SCOPUS, WTI Frankfurt eG, zbMATH, Google Scholar, Springerlink. \*\*

## DOCTORAL CONSORTIUM

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The aim of the Doctoral Consortium is to provide a framework as part of which students can present their ongoing research work and meet other students and researchers and obtain feedback on lines of research for the future.

The Doctoral Consortium is intended for students who have a specific research proposal and some preliminary results, but who are still far from completing their dissertation.

All proposals submitted to the Doctoral Consortium will undergo a thorough reviewing process with the aim of providing detailed and constructive feedback. The accepted submissions will be presented at the Doctoral Consortium and published in the conference proceedings.

## PUBLICATION

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Accepted papers will be included in Blockchain Proceedings, published by Springer. At least one of the authors will be required to register and attend the symposium to present the paper in order to include the paper in the congress proceedings. All accepted papers will be published by Springer Verlag.

\*\* Indexing: The books of this series are submitted to DBLP, INSPEC, Norwegian Register for Scientific Journals and Series, SCImago, SCOPUS, WTI Frankfurt eG, zbMATH, Google Scholar, Springerlink. \*\*

## IMPORTANT DATES

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Deadline: 7th March, 2025

Workshop deadline: 14th March, 2025

Doctoral Consortium deadline: 21st March, 2025

Notification of acceptance: 25th April, 2025

Camera-Ready papers: 9th May, 2025

Conference Celebration: 25th-27th June, 2025

## ORGANIZING COMMITTEE

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University of Lille (France)

## SCIENTIFIC ORGANIZERS

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UNED (Spain)

Tecnalia (Spain)

University of Salamanca (Spain)

University of Minho (Portugal)

Université de Montréal (Canada)

Guarda Polytechnic Institute (Portugal)

IIIT Hyderabad (India)

Instituto Politécnico do Porto (Portugal)

Technical Institute of Bragança (Portugal)

Fidesol (Spain)