

CALL FOR CHAPTERS

Book title: Digital Twins in action

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Editors



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About the Book

This edited volume highlights methods, tools, and real-world applications of digital twins across science, engineering, and industry. Contributions from researchers and practitioners are invited.

Topics of Interest (including, but not limited to)

- Digital Twins: Concepts, Architectures, and Lifecycles
- Modeling Physical Systems for Digital Twins
- Simulation and Co-Simulation for Digital Twin Systems
- Artificial Intelligence in Digital Twins: Methods and Case Studies
- Optimization, Control, and Decision-Making with Digital Twins
- Edge, Cloud, and Federated Architectures in Practice
- Interoperability, Standards, and Digital Twin Platforms
- Transforming Smart Grids with Digital Twins
- Digital Twins for Floating Agri-PV Systems
- Digital Twins in Energy and Renewable Systems
- Digital Twins in Smart Manufacturing and Industry 4.0
- Digital Twins of Intellectual and Historical Figures
- Digital Twins in Smart Cities and Infrastructure

Chapter Contribution Focus

- Practical implementation details, deployment lessons, and reproducible workflows.
- Validated use cases with clear performance, reliability, and scalability discussion.
- Cross-domain transferability of digital twin methods, from energy to smart infrastructure.

Submission Guidelines

Full chapter length 6,000 to 8,000 words

Style one column

Submission portal <https://app.oxfordabstracts.com/stages/82130/submitter>

Important Dates

Full chapter submission
30 May 2026

Review feedback
15 June 2026

Final chapter submission
30 June 2026

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