IGI GLOBAL

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CALL FOR BOOK CHAPTERS

Transforming Physical Assets into Cognitive Enterprises with Digital Twins

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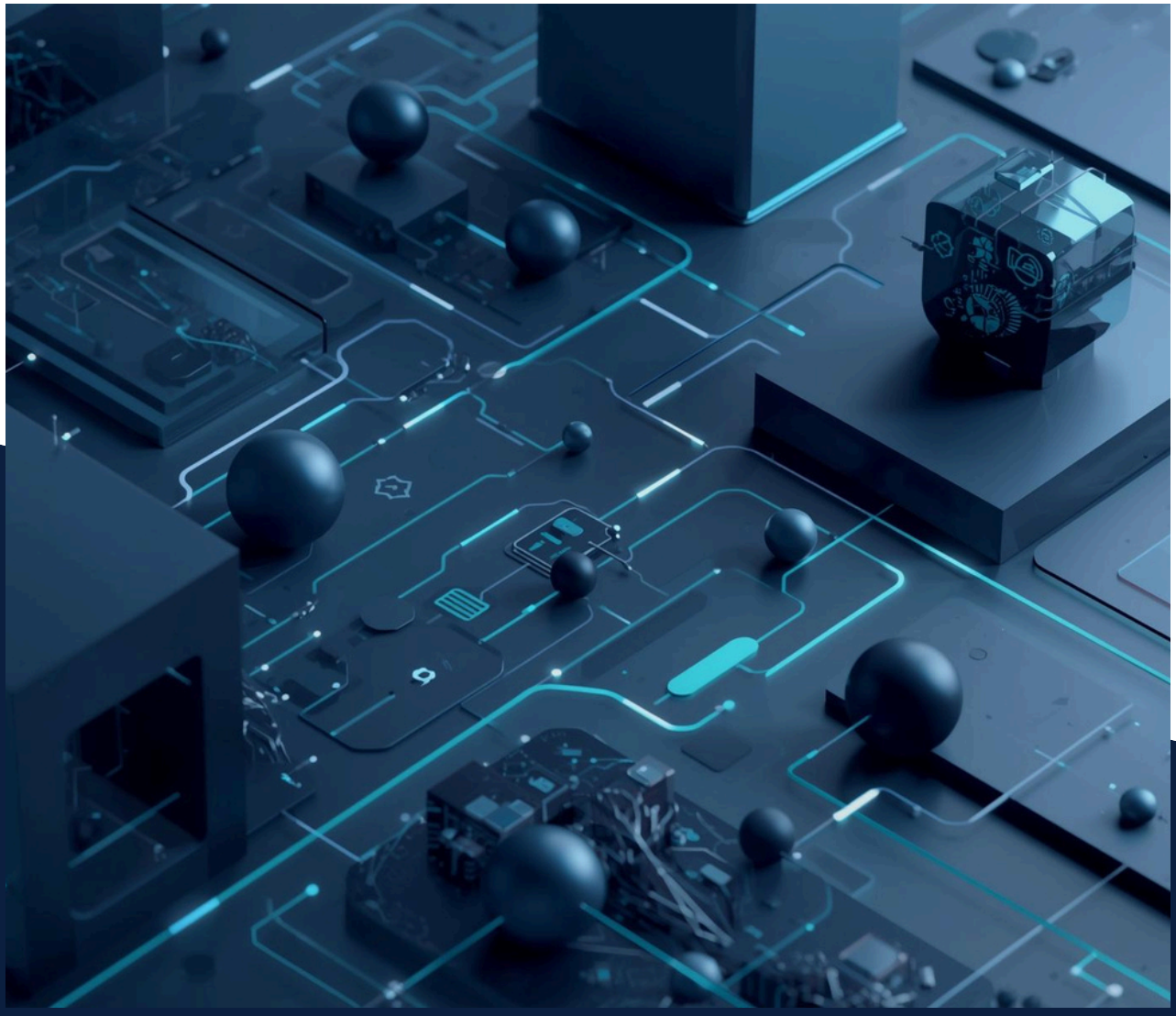
Important Dates

Abstract Proposal deadline: Feb 27, 2026
Full Chapter submission: April 15, 2026

Publisher: IGI Global Scientific Publishing

About the Book

Digital twins are reshaping industries by connecting physical assets with intelligent digital models capable of real-time monitoring, prediction, and optimization. This book presents research and practical insights on how organizations can evolve into cognitive enterprises through the integration of AI, IoT, and advanced analytics. Contributions explore architectures, use cases, and strategic implications across multiple sectors. The volume is intended to guide both researchers and practitioners in understanding and implementing digital twin solutions.



Important Dates

Key deadlines for submissions and notifications

DATES

Important deadlines for the chapter submission process

ABSTRACT	• February 27, 2026 • Submit via online portal
NOTIFICATION	• March 15, 2026 • Notification of preliminary acceptance
FULL CHAPTER	• Full chapter submission: April 15, 2026 • Reviews returned: May 15, 2026 • Revised chapters due: June 1, 2026 • Final acceptance notification: June 15, 2026
PUBLICATION	• Final manuscript submission: June 30, 2026 • Book release date: Oct-Nov, 2026

REVIEW PROCESS

All chapters will undergo:

- Double-blind peer review
- Evaluation by at least two reviewers
- Revision based on feedback

Editorial decisions will be based on:

- Scientific quality
- Clarity
- Contribution to the field
- Alignment with book theme

Target Audience

This book is intended for:

- Researchers in digital transformation, information systems, engineering, and management
- Industry practitioners implementing digital twins
- Consultants and technology providers
- Graduate and doctoral students
- Policy makers and innovation managers

Suggested Topics

Topics include, but are not limited to:

Digital twin architectures and platforms
AI-enabled digital twins
Cognitive enterprises and intelligent organizations
IoT and cyber-physical systems
Digital twins in manufacturing and Industry 4.0
Digital twins in energy systems and smart grids
Digital twins in construction and infrastructure
Digital twins in logistics and transportation
Digital twins in smart cities
Predictive maintenance and asset management
Simulation and optimization using digital twins
Edge computing and real-time analytics
Integration of digital twins with ERP, MES, and enterprise systems
Business models enabled by digital twins
Governance, ethics, and cybersecurity in digital twins
Sustainability and environmental impact
Digital twins for SMEs
Human–AI collaboration in cognitive enterprises
Future trends in digital twins and intelligent systems

Chapter Length and Requirements

Full chapters should be:

- 8,000–10,000 words
- Written in English
- APA style formatting
- Original, unpublished work

All chapters must follow the publisher's formatting template.

Recommended Chapter Structure

To ensure coherence of the volume, authors are encouraged to structure chapters as follows:

1. Introduction
2. Background and Literature Review
3. Conceptual Framework or Methodology
4. Digital Twin Architecture / Model / Approach
5. Case Study or Application
6. Discussion and Implications
7. Future Research Directions
8. Conclusion
9. References

This structure helps maintain consistency and scientific rigor.