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Invitation to Qualified Authors and Book Editors to
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This new book series will cover conceptually new and emerging methodologies and technologies in Next-Generation Manufacturing Processes and systems with components of different physics domains such as mechanical, manufacturing, electrical, and electronics, tissue engineering components and chemical processes, and robotic systems.

Since the importance of sustainability and Industry 4.0 has grown, the manufacturing processes are entering their most exciting phase: Next-Generation Manufacturing Processes.

SCOPE

This book series fosters recent innovative breakthroughs in the domain of manufacturing processes. Emphasizing innovative manufacturing practices that can increase manufacturing yields focused on the recent developments, applications, and challenges in the field, but not limited to:

- Advanced Manufacturing
- Robotics
- Subtractive manufacturing
- 3D printing
- Advanced surface coating techniques
- Robotic Manufacturing
- Digital Manufacturing to Industry 4.0
- Digital Twinning
- Smart and AI-drive manufacturing process
- Sustainable and intelligent manufacturing
- Role of IoT and Cloud Computing in Manufacturing Process
- Intelligent and Sustainable Manufacturing
- Controllers
- Nano-technology
- Artificial intelligence
- Emerging materials
- Surface engineering
- Sustainable development goals
- Industry 4.0
- IoT and Machine learning
- Cloud computing, Data analysis, Edge computing
- Cyber Security, Digital twin and Neural Networks
- Smart and AI-driven manufacturing
- Green Manufacturing
- Intelligent manufacturing

For submission guidelines, please contact the series editors.

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