ICBTA
Blockchain Technology

Special Session 3:

Artificial Intelligence and Transformational Leadership: Advancing Innovation, Decision-Making, and Organizational Performance in the Digital Era

Call For Papers

SEOUL, SOUTH KOREA
December 11-13, 2026

Introduction

The rapid advancement of Artificial Intelligence (AI) is fundamentally transforming organizational structures, leadership practices, strategic decision-making, and innovation processes in the digital era. As organizations increasingly integrate AI-driven technologies, including machine learning, generative AI, predictive analytics, and intelligent automation, transformational leadership has emerged as a critical factor in fostering digital transformation, organizational adaptability, and sustainable competitive advantage. Transformational leaders play a vital role in promoting innovation-oriented cultures, facilitating technology adoption, empowering employees, and aligning AI capabilities with organizational strategies and objectives. The convergence of AI and transformational leadership presents significant opportunities to enhance managerial decision-making, optimize organizational processes, stimulate creativity, and improve overall organizational performance. However, these advancements also introduce challenges associated with ethical AI governance, algorithmic transparency, workforce transformation, digital competencies, and human–AI collaboration. Understanding the interplay between AI capabilities and transformational leadership is therefore essential for developing resilient, innovative, and high-performing organizations. This special session aims to provide an interdisciplinary platform for researchers, academicians, industry professionals, and policymakers to explore emerging theoretical perspectives, empirical findings, and practical applications at the intersection of artificial intelligence, transformational leadership, innovation, and organizational performance. The session encourages innovative research examining how leadership strategies and AI-enabled capabilities can collectively drive responsible digital transformation, strengthen organizational effectiveness, and create sustainable value in an increasingly complex and technology-driven business environment.

Topics

- Artificial Intelligence and transformational leadership in the digital era
- AI-driven digital transformation and organizational change management
- The role of transformational leadership in AI adoption and implementation
- AI-enabled strategic decision-making and managerial effectiveness
- Generative AI and its implications for leadership and organizational innovation
- Human–AI collaboration and augmented leadership intelligence
- AI-driven business model innovation and organizational competitiveness
- Transformational leadership, creativity, and innovation management
- AI capabilities, dynamic capabilities, and organizational performance
- Data-driven leadership and evidence-based managerial decision-making
- Ethical leadership, responsible AI adoption, and algorithmic governance

More Topics: https://icbta.net/ss3.html

Important Dates

- Submission Deadline: **November 15, 2026**
- Notification Date: **November 25, 2026**
- Camera Ready Submission: **November 30, 2026**
- Registration Deadline: **November 30, 2026**

Publication



Dr. Mitra Madanchian

Associate Professor – University Canada West, Canada

Publication

All accepted and presented papers will be included into ICBTA 2026 Conference Proceedings and published as a volume of Lecture Notes in Networks and Systems by Springer. This book series is abstracted and indexed by EI Compendex, SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago. All books published in the series are submitted for consideration in Web of Science.

Springer

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Submission Link

Enter the submission system and select Special Session 3

1. **Abstract/ Presentation**: Abstract submission required; oral presentation only; will not be published.
2. **Full Paper/Publication**: Full paper submission required; presentation required; will be published.
3. Details: https://icbta.net/sub.html

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