Webinar Agenda
Tech-Driven Urbanism: Challenges and Opportunities

Introduction

In an era of rapid globalization and digital transformation, cities are increasingly shaped by the latest technological, social, economic, and environmental trends. From smart city innovations and AI-driven governance to green architecture and new mobility solutions, urban development is often dictated by market-driven shifts and global megatrends. While adopting emerging trends can bring economic growth, technological advancement, and increased efficiency, the reactive embrace of short-lived, popular, or commercially driven trends can create long-term vulnerabilities in urban systems.

Cities that chase trends without critical assessment may invest in flashy, high-tech solutions while overlooking fundamental issues such as inclusivity, resilience, and local adaptability. The over-prioritization of tech-centric urbanism may lead to widening socio-economic divides and unsustainable urban models that hinder cities' achievement of the goals listed in sustainable development goals.

This webinar seeks to foster deeper conversations and discussions about the challenges and opportunities that the emerging electronics, communication, and information technology trends in cities can bring to the urban inhabitants. It will also serve as the foundation for future research collaboration to ensure that the technology transformation in cities is responsible and future-ready.

The webinar will cover two key topics:
1. Empowering Interconnected and Intelligent Cities
   Moderator: Nico Surantha
2. Tech-Driven Urbanism: Cultural Readiness and Societal Adaptation
   Moderator: Riela Drianda

AGENDA: May 22nd, 10.30-11.30 (JST) 8.30-10.30 (WIB)
10:30-10:35 (JST) 8:30-8:35 (WIB) Opening Address from TCU President
10:35- 11:15 (JST) 8:35-9:15 (WIB) 1. Empowering Interconnected and Intelligent Cities
   a. From TCU: Kentarou Sawano (confirmed) (15 min Presentation)
      Title: Silicon/Germanium-based nano-electronics
   b. From ITB: Prof. Trio Adiono (confirmed) (15 min. Presentation)
      Title: Development of Semiconductor Technology and Talent
   c. Discussion (10 min.)
11:20-12:00 (JST) 9:20-10:00 (WIB) 2.Tech-Driven Urbanism: Cultural Readiness and Societal Adaptation
   Potential keynote speakers:
   a. From TCU: Hwajin Lim (confirmed) (15 min Presentation)
      Title: Transformation and Sustainable Urban Communities: Exploring the Digital Divide and Future Possibilities
   b. From ITB: Prof. Ridwan Sutriadi (confirmed) (15 min Presentation)
      Title: Next Generation Cities, and Urban Planner Perspective
   c. Discussion (10 min.)
12:00-12:10 (JST) 10:00-10:10 (WIB) Summary from Moderators, Closing Remarks by ITB Representative
Zoom registration: https://bit.ly/WebinarTCU