

TE2023

— THAILAND —

The 30th ISTE International Conference on Transdisciplinary Engineering

"Leveraging Transdisciplinary Engineering in a Changing and Connected World"

July 11-14, 2023 in Hua Hin Cha Am, Thailand



CALL FOR PAPERS & WORKSHOP SESSIONS

You are cordially invited to submit a paper and participate in the 30th ISTE International Conference on Transdisciplinary Engineering (TE2023) in Hua Hin Cha Am, Thailand, during July 11-14, 2023.

TE2023 will bring together academic people and interested industry professionals around the world to exchange their knowledge and ideas connected to the conference theme "**Leveraging Transdisciplinary Engineering in a Changing and Connected World.**" Technological advancement, as all are experiencing, has changed how we live, work, learn and socialize and exposed individuals to an open, connected world. The unexpected pandemic has further expedited the need for change. All industrial, business, and education sectors have been challenged and have already begun to leverage technologies to improve operational performance. However, today's world is much more complex than technologies alone can be the answer. Collaborative teams of people with the ability to see a holistic picture and being equipped with knowledge and skills in various disciplines are indispensable to exploit the technologies effectively in the changing and connected world.

Similar to previous TE conferences, our participants will be in contact with current research related to Transdisciplinary Engineering and will also experience active involvement in workshops, panel discussions, and poster sessions. Furthermore, we are enthusiastic about having prominent keynote speakers share their visions to inspire and expand the horizon of our participants.

We are looking for your participation in sharing research and activities to help prepare the academic community and industry people for this challenging period. We encourage you to submit abstracts before the deadline. [Please visit http://te2023.ait.ac.th/](http://te2023.ait.ac.th/) for further instructions.

CONFERENCE TOPICS

Topics of interest include, but are not limited to, the following:

Product Design and Development:

- Design of Personalized Products and Services
- Product and Production Platforms
- Democratization of Design
- Citizen/ Community-Led Design
- Concurrent Engineering
- Human-Centric Design
- Co-Creation
- Customer Experience Design

Smart Operations for Value Chain Management:

- Supply Chain Management
- Smart Factory
- Product Service Systems
- Collaborative Manufacturing
- Digital Manufacturing
- Additive Manufacturing
- Digital Twin
- Internet of Things
- Cyber-Physical Systems

Engineering Education

- Learning Strategies and Instructional Design for Engineering
- Problem-Based Learning and Project-based Learning in Engineering
- Digital and Open Learning for Engineering
- Competency Development and Assessment

- Professional Education and Certification
- University Business Cooperation

Critical Issues in Transdisciplinary Engineering

- Gender and Diversity in Engineering Teams
- Global North vs South
- Engineering Policy and Practice in the Public Sector
- Engineering in Global Crises

Transdisciplinary Approaches to

- Decision Support Tools and Methods
- Value Engineering
- Risk Management
- Knowledge Management and Knowledge Engineering

Team Working:

- Managing Cultural and Disciplinary Differences
- Methods for Transdisciplinary Teamwork
- Transdisciplinary Team Performance Measurement
- Collaborative Design Environments

Theoretical Contributions

- Engineering Thinking and Practice
- Systems Thinking
- Complex Sociotechnical Systems

WORKSHOP SESSIONS

Potential contributors are invited to submit a proposal for a workshop. Please visit the conference website for more information.

IMPORTANT DATES

Jan 15, 23: Abstract submission deadline

Jan 31, 23: Notification of abstract acceptance

Feb 15, 23: Workshop proposal deadline

Mar 17, 23: Full paper submission deadline

Apr 30, 23: Notification of paper acceptance

May 31, 23: Camera-ready submission deadline

Jun 23, 23: Early registration deadline

Jul 11, 23: Conference opening

VENUE

TE2023 will be in Hua Hin Cha Am, Thailand's twin resort cities on the west coast of the Gulf of Thailand. The cities are about 215 kilometers (134 miles) from Suvarnabhumi International Airport. There are taxicabs and buses available from the airport as well as Bangkok to Hua Hin Cha Am. Within three hours, you will arrive at a tranquil, beautiful beach. We will also provide transportation for your convenience from the Asian Institute of Technology to the venue.

CONFERENCE CHAIR

Pisut Koomsap,
Asian Institute of Technology, Thailand

PROGRAM CHAIR

Adam Cooper,
University College London, United Kingdom



TE2023 Hua Hin Cha Am, Thailand
<http://te2023.ait.ac.th/>

