

2025 ISNST

International Symposium on Novel and Sustainable Technology

Abstract submission
deadline
Sep. 12

Conference
Oct. 22-23

2025 International Symposium on Novel and Sustainable Technology (2025 ISNST) will be held at the Southern Taiwan University of Science and Technology (STUST), Tainan City, Taiwan from October 22 to 23, 2025. The conference program will include oral and poster sessions.

TOPICS

I. Advanced Manufacturing Science and Technology

- 1-1 Smart Manufacturing and Intelligent Robotics
- 1-2 Heat Transfer, Fluid Dynamics and Numerical Simulation
- 1-3 Sensors and Automation Technology
- 1-4 Advanced Vehicles and Green Energy
- 1-5 Nanomaterials Processing and Characterization

II. Intelligent System & Electronics

- 2-1 Vehicular Electronics
- 2-2 Consumer Electronics
- 2-3 Green Electronics
- 2-4 Internet of Things (IoT)
- 2-5 Artificial Intelligence (AI)
- 2-6 Smart Cities
- 2-7 Intelligent Systems and Applications

III. Electrical & Semiconductor Technology

- 3-1 Power System and Power Electronic Applications
- 3-2 Intelligent Control and Applications
- 3-3 Biomedical Electronics and Applications
- 3-4 Novel Energy Conversion and Applications
- 3-5 Semiconductor Material, Device and Packaging
- 3-6 Photonic Technology and Applications

IV. Biotechnology & Chemical and Materials Engineering

- 4-1 Green Chemical Process
- 4-2 Functional Materials
- 4-3 Other Fields Related to Chemical and Materials Engineering
- 4-4 Bioprocess and Bioengineering
- 4-5 Biological Functional Assessment
- 4-6 Biotechnology in Health Care
- 4-7 Other Fields Related to Food and Agricultural Biotechnology

V. Engineering Education, AI Enhanced Education and Talent Cultivation

- 5.1 Industrial Technology-Oriented Curriculum and Teaching for Technical Education Subjects
- 5.2 Curriculum and Teaching of Engineering Education
- 5.3 Application of Emerging Human-Computer Interaction and Digital Technology in Technical and Engineering Education
- 5.4 Paradigm Shift in Technical and Engineering Education
- 5.5 Technology and Engineering Innovation and Entrepreneurship Education
- 5.6 AI Enhanced Technical and Engineering Education
- 5.7 Sustainable Education and Ethical Education
- 5.8 Robot Education and Educational Robots

Conference website: <https://isnst.eng.stust.edu.tw/>



Adviser:



教育部

Organizer:



南臺科技大學
Southern Taiwan University of Science and Technology