ICAST2026

1-3, JUNE, 2026

The 35th International Conference on Adaptive Structures and Technologies

CALL FOR PAPERS

Organizer

Conference Chair
Zhengbao Yang, HKUST, HK

Co-Chairs
Wei-Hsin Liao, CUHK, HK

Wen-Jong Wu, NTU, Taiwan

Keynote speakers
Antonio Concilio, CIRA, Italy

Yong Chen, HKUST, HK

Alper Erturk, Georgia Tech, USA

Mary Frecker, Penn State University, USA

Nam Seo Goo, Konkuk Universty, KOR

Jae-Hung Han, KAIST, KOR

Wei-Hsin Liao, CUHK, HK

Jinsong Leng, HIT, China

Yingxiang Liu, HIT, China

Yang Lu, UHK, HK

Ramin Sedaghati, Concordia University, CA

Jinjun Shan, York University, CA

Jiong Tang, U. of Connecticut, USA

Kon-Well Wang, U. of Michigan, USA

Li Zhang, CUHK, HK

Shujun Zhang, CityUHK, HK

More keynote speakers to be announced...

🌐 https://icast2026.hkust.edu.hk

✉ Contact us: icast26@ust.hk

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Tracks and Topic of Interests:

Material
Active or field-dependent materials, Shape memory materials, Ferroelectrics and piezoelectrics, Electrorheological and magnetorheological fluids, Electrostrictive and magnetostrictive materials, Electroactive polymers: dielectric, ionic, etc. Stimuli-responsive soft materials: hydrogels, etc. Biomimetic and bioinspired materials, Biomaterials and biocomposites

Structural and Structural system
Adaptive or smart structural systems, Active vibration control and reduction, Wave control and manipulation, Leveraging/understanding nonlinearities, Passive, semi-active, and active damping, Bioinspired structures and robotics, Metamaterials/metastructures and phononics, Origami structures, Auxetic structures, Physical/mechanical intelligence, Noise control, Vibration isolation, Shape/position control, Morphing structures, Energy harvesting, Nastic structures

Tools and Methodologies
Actuator/sensor technologies, Hybrid actuation concepts, Structural integration of actuators and sensors, Modeling and simulation of smart/adaptive structures, Acoustic/fluid-structure interaction, Control methodologies, Machine learning/AI, 3D and 4D printing

Applications
Aerospace, automotive, and naval applications, Damage prognosis and structural health monitoring, Non-destructive and destructive testing, Measurement and manufacturing systems, Military systems and components, Medical applications, Multifunctional textiles, Wearable technologies Wireless data/power transfer

Important Dates

Date	Event
Feb 01, 2026	Abstract Deadline
June 25, 2026	Full Paper deadline
After June 25	Journal specifial issue: By invitation shortly