

I N V I T A T I O N

2026

KIST COMPOSITE CONFERENCE INTERNATIONAL

Opening a New Future for K-Space with Space Composite Materials

Thursday, August 6, 2026

Auditorium, KIST Jeonbuk
Institute of Advanced Composite Materials

REGISTER NOW



Keynote Speakers



Kyungin Kang

Director General,
Space Science Exploration Directorate,
Korea AeroSpace Administration (KASA)



Yuichi Ishida

Associate Senior Researcher,
Aeronautical Technology Directorate,
Japan Aerospace Exploration Agency (JAXA)



Yuki Kubota

CEO and founder,
KENG Co., Ltd.
Formerly at JAXA and IHI Aerospace

Program

Time	Program
12:00-13:00	Registration
13:00-13:20	Opening Ceremony • Opening Remarks - Won-Kook Choi Director General, Jeonbuk Institute of Advanced Composite Materials, Korea Institute of Science and Technology (KIST) • Welcoming Remarks - Sang Rok Oh President, Korea Institute of Science and Technology (KIST) - Won-Taeg Lee Governor, Jeonbuk State
Keynote Session	
13:20-13:40	Space Science Exploration Roadmap and Strategy of Korea Kyungin Kang Director General, Space Science Exploration Directorate, Korea AeroSpace Administration (KASA)
13:40-14:10	Development of "TriA-X" Polyimide / Carbon Fiber Composites Prepared from Imide Solution Prepreg Yuichi Ishida Associate Senior Researcher, Aeronautical Technology Directorate, Japan Aerospace Exploration Agency (JAXA)
14:10-14:40	KENG: Connecting Materials Research to Social Implementation Yuki Kubota CEO and founder, KENG Co., Ltd. Formerly at JAXA and IHI Aerospace
Session 1	
14:40-15:00	Development of an AI-based, Radiation-Shielding, Ultra-Lightweight, and Active Terrain-Adaptive Platform for Next-Generation Space Mobility JaeSang Yu Center Head, Specialized Composite Structure Research Center, Korea Institute of Science and Technology (KIST)
15:00-15:20	Lunar Mobility and the Need for Advanced Materials Dongseok Ryu Principal Researcher, Extreme Environment Robotics Laboratory, Korea Atomic Energy Research Institute (KAERI)
15:20-15:40	Demand for Convergence Materials from an Industrial Perspective and Directions for Private-Led Rover System Development Jaeho Lee CEO, Unmanned Exploration Laboratory (UEL)
15:40-16:00	Coffee Break
Session 2	
16:00-16:20	SPACE & BEAN: Integrated Protection Materials for Electronics in Extreme Environments Kyungryung Min CEO and founder, SPACE & BEAN Inc.
16:20-16:40	STAR Lab Simulates Space: Qualifying Mission-Ready Materials Hyun Jung Kim Associate Professor, Department of Aerospace Engineering, Korea Advanced Institute of Science and Technology (KAIST)
16:40-17:00	Purified BNNT/SWCNT Composites for Multimodal Radiation Shielding Yongho Joo Principal Researcher, Extreme Environment Shielding Materials Research Center, Korea Institute of Science and Technology (KIST)
Session 3	
17:00-17:20	Development of an Integrated SiC Fiber-to-SiC/SiC Platform Dongwon Im Executive Director and Head, R&D Center, DACC Carbon Co., Ltd.
17:20-17:40	Low-SEE Nextel 610/Al ₂ O ₃ -Cr ₂ O ₃ Composites for Hall Thruster Discharge Walls in VLEO Space Conditions Youngwoo Nam Director, Multifunctional Composites & Manufacturing Laboratory (MCML), Korea Aerospace University (KAU)
17:40-18:00	Toward Deep Space Missions: Seamlessly Integrated Dissimilar Nanotube Fibers for Spacesuit Radiation Shielding Dae-Yoon Kim Principal Researcher, Space Composite Materials Research Institute, Korea Institute of Science and Technology (KIST)
18:00-19:00	Dinner & Networking

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KIST Korea Institute of
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