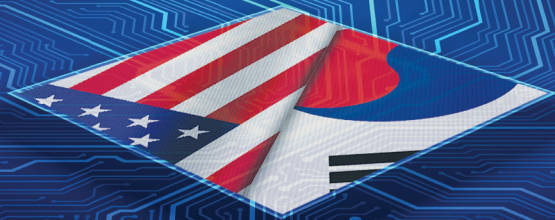


US-KOREA

Aerospace Semiconductor and Packaging Forum



SEPTEMBER 10-13, 2025

NEOCITY, FLORIDA, USA

AGENDA

Day 1 – Wed, Sept 10

10:00 – 14:00 University of Florida College of Electrical Engineering

14:00 – 15:00 Paynes Prairie State Park

Day 2 – Thurs, Sept 11

09:00 – 09:30 Registration

09:30 – 09:40 Opening Remarks

09:40 – 09:50 Congratulatory Remarks

09:50 – 10:00 Welcoming Remarks

09:50 – 10:10 Introduction to NeoCity

10:10 – 10:20 Introduction to ASTRA

10:20 – 10:30 Introduction to KU-SRCC

10:30 – 10:40 Break

10:40 – 11:00 Introduction to FSI

11:00 – 11:20 Introduction to KARI

11:20 – 11:40 Introduction to Space Florida

11:45 – 12:45 Lunch

13:00 – 13:20 US Research Trends in Semi Packaging for Aerospace Applications

13:20 – 13:40 Topic TBA

13:40 – 14:00 Trends in Standards for Aerospace Semiconductors

14:00 – 14:10 Break

14:10 – 14:30 Topic TBA

14:30 – 14:50 Aerospace Qualified Reliability and Test

14:50 – 15:10 Radar Technologies for UAVs

15:10 – 15:30 Development Radiation-Hardened Packaging Technology for Space-Grade Semiconductors

17:00 – 19:00 Welcome Dinner Banquet

Day 3 – Friday, Sept 12

10:00 – 12:00 Space Florida

13:00 – 17:00 NASA Kennedy Space Center

Daehwan Kim, Consul

Consulate General of the Republic of Korea in Atlanta

Honorable Darren Soto, Congressman

U.S. House of Representatives

Cheryl Grieb, Commissioner

Osceola County Board of County Commissioners

Hunter Kim, Director

Osceola County Economic Dev Center

Juwan Kim, Principal Researcher

Aerospace Semiconductor Technology Research Association

Jie Hyun Lee, Director

Korea US Semiconductor Research Cooperation Center

Matthew Walsh, Chief Engineer

Florida Semiconductor Engine

Kyoung Jin Kwon, Senior Researcher

Korea Aerospace Research Institute

Ryan Robertson, Vice President

Space Florida - Space Sector Business Development

YK Yoon, Professor

University of Florida

Arthur Paoella, Technical Fellow

L3 Harris

Sung Moon Choi, Research Advisor

Korea Standard Association

Jeong Won Park, Associate Professor

University of Nevada

Young Bin Lee, Principal Researcher

Korea Electronic Technology Institute

Yong Jae Kim, CTO

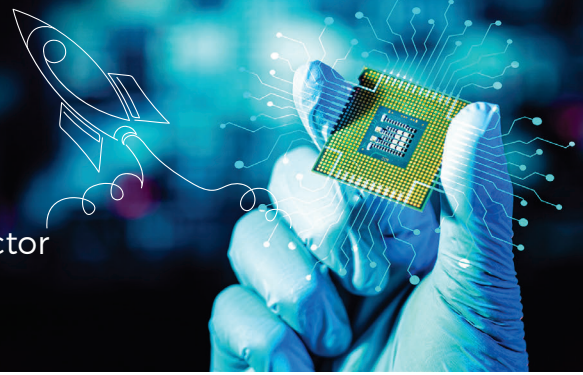
Smart Radar System

Juwan Kim, Senior Researcher

RF Materials

Welcome to

the 1st Annual U.S.-Korea Aerospace Semiconductor and Packaging Forum!



We are honored to host this groundbreaking event, bringing together leading experts, researchers, industry professionals, and policymakers from both Korea and Florida to foster collaboration and innovation in the field of aerospace semiconductors and advanced packaging technologies.

The primary goal of this forum is to strengthen technological cooperation between the U.S. and Korea, with a particular focus on high-performance semiconductor and packaging solutions that are essential to the next generation of space technologies. As aerospace systems become increasingly complex and data-intensive, advancements in semiconductor performance, integration, and reliability are more critical than ever.

This forum serves as a dynamic platform for sharing cutting-edge research, emerging trends, and real-world applications that are shaping the future of the aerospace industry. Through keynote presentations, panel discussions, and networking opportunities, we aim to spark new ideas, form strategic partnerships, and accelerate progress in this vital area of innovation.

We look forward to the engaging discussions, insightful exchanges, and collaborative spirit that this event will inspire. Thank you for joining us as we chart a path toward a more connected and technologically advanced future in aerospace.

MEET THE HOSTS



RF Material Co, Ltd. is a KOSDAQ-listed company with over 20 years of expertise in multilayer ceramic packaging. The company performs all manufacturing processes in-house and is now expanding its business into optical communication and aerospace packaging, leveraging its extensive experience and technological capabilities.



The Korea-U.S. Semiconductor R&D Cooperation Center (KU-SRCC) serves as a bridge between Korea and the U.S. to strengthen collaboration in semiconductor research and development. As a hub for connecting researchers, universities, government agencies, and industry partners from both countries, KU-SRCC fosters innovation and promotes technological advancement in the global semiconductor ecosystem. The Center also supports commercialization by facilitating technology transfer, nurturing start-ups and joint ventures, and accelerating the path from lab discoveries to market-ready solutions.



Consulate General of the
Republic of Korea in Atlanta

The Consulate General serves as the primary channel for consular and diplomatic services across the southeastern United States. Established in 1976, its core mission is to strengthen ties between Korea and this region—by supporting Korean citizens, fostering bilateral trade and investment, and promoting cultural exchanges. The Consulate's jurisdiction covers Georgia, Florida, Alabama, Tennessee, South Carolina, North Carolina, Puerto Rico, and the U.S. Virgin Islands.



ASTRA, Aerospace Semiconductor Technologies Research Association, is a government-certified research association under the Ministry of Science and ICT of Korea. It comprises around 10 semiconductor and packaging companies, 9 government-funded research institutes, and 12 universities. ASTRA aims to develop and commercialize semiconductor and packaging technologies for aerospace applications, while also serving as a soft-landing platform in Florida for its member organizations.