

# AeroSpace Signature Symposium

Thursday, Aug 6 10:15am – 12:00pm International Ballroom

Chair

Speakers

## Shaping the future of Space



**Eun-Suk Seo**

President of KASSTA  
Professor of Physics  
University of Maryland



**Soyeon Yi**

Astronaut, GBD at  
SPEX, Inc

The AeroSpace Signature Forum offers a comprehensive perspective on the future of space through advances in human spaceflight, soft robotics, aerospace engineering, and next-generation space computing. Bringing together leading experts from academia, industry, and national laboratories, the forum highlights innovative technologies and interdisciplinary approaches that are redefining the capabilities of space systems and enabling the next era of exploration beyond Earth orbit. The forum is designed to inspire new partnerships and strategic collaborations while providing a forward-looking view of how scientific discovery and engineering innovation can collectively expand humanity's presence and capabilities in space.



**Dae Young Lee**

Professor,  
Department  
of Aerospace  
Engineering, KAIST



**Eun Jung Chae**

Professor, Dept. of  
Mech. and Aerospace  
Engineering,  
California State  
University, Long Beach



**Kyongsik Yun**

Technologist, NASA Jet  
Propulsion Laboratory

• KASSTA - Korean American AeroSpace Science and  
Technology Association

| Time  | Title and Speaker                                                                   |                                                                                                                                                                                      |
|-------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:15 | <b>Opening Remarks</b>                                                              | Eun-Suk Seo (Chair)                                                                                                                                                                  |
|       | <b>Welcoming Remarks</b>                                                            | Yong-Kyu Yoon (President of KSEA)                                                                                                                                                    |
|       | <b>Congratulatory Remarks</b>                                                       | - In Kyu Park (Vice Minister for Science, Technology and Innovation, Ministry of Science and ICT)<br>- Chang-Jeon Hwang (Vice-President of Korea Aerospace Research Institute, KARI) |
| 10:25 | <b>Healthcare Challenges of Space Flight</b>                                        | Soyeon Yi (Astronaut, GBD at SPEX, Inc.)                                                                                                                                             |
| 10:45 | <b>Reliability through Softness: A Soft Robotics Approach to Space Exploration</b>  | Dae Young Lee (Department of Aerospace Engineering, KAIST)                                                                                                                           |
| 11:05 | <b>Aerodynamic Performance of the Next Generation Aircraft/Spacecraft</b>           | Eun Jung Chae (Department of Mechanical and Aerospace Engineering, California State University, Long Beach)                                                                          |
| 11:25 | <b>Next-Generation Space Processors: HPSC and Hybrid Co-Processor Architectures</b> | Kyongsik Yun (Technologist, NASA JPL)                                                                                                                                                |
| 11:45 | <b>Concluding Remarks, Awards and Photos</b>                                        |                                                                                                                                                                                      |

\*Please be aware that the schedule mentioned above is subject to change based on unforeseen circumstances.