



KASS 한국우주안보학회
Korean Academy of Space Security

THE KOREAN ACADEMY OF SPACE SECURITY

www.kass.ne.kr



PRESIDENT'S GREETING

INVITATION

01

When humanity first landed on the moon, Neil Armstrong said, "This is one small step for a man, one giant leap for mankind." Through such monumental steps of humanity, space has transformed from a realm only observable through telescopes and observatories into a reality intertwined with our daily lives. Thanks to technological advancements, it has become a core area of the digital economy where capital and information move, creating value and profit. However, it is also crucial to view space as a domain for security, not just for economic development and industrial promotion. In space, the economic and strategic significance leads to sharp conflicts of interest among superpowers, and competition between factions for strategic superiority is accelerating.

The Korean Academy of Space Security aims to contribute to a safe journey into space, protecting national interests and enhancing the lives of citizens. Our academy will serve as a civil-military-industry-academia-research collaboration platform for space security, developing technologies and proposing for space security, and proposing policies and strategies. Through these efforts, our academy will contribute to securing a strategic advantage for the Republic of Korea in space.



To achieve this, our academy intends to build and operate a global network of space security technology and policy experts. We plan to establish a forum for close cooperation among domestic academic societies, research institutions, and industries, leading a global academic forum on space security under Korea leadership. In this gray area of norms in space, we aim to maximize our national interests while simultaneously leading international space security technology and policies. Furthermore, our academy is committed to launching an international professional journal that matches our stature, aiming for its rapid establishment. Through this, we will nurture space security experts with an international perspective, expand the research base, and strengthen the foundation for enhancing our technological and policy capabilities in space security.

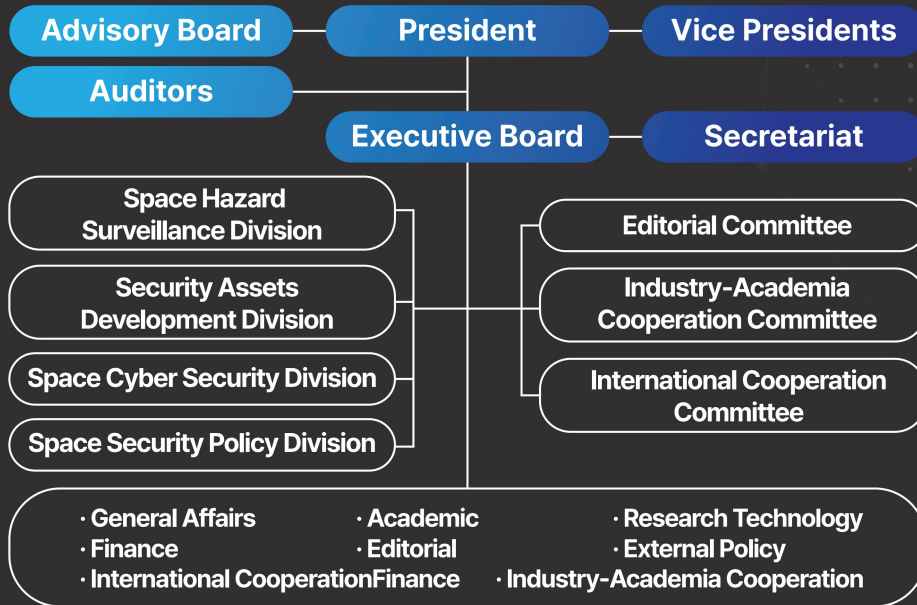
There is a saying, "Whoever rules the sea rules the world." However, today, this might as well change to "Whoever rules space rules the world." Our academy will work closely with the National Intelligence Service to ensure safety "from," "to," and "in" space, striving more than ever for the Republic of Korea's dominance in space. The steps our academy takes will be a giant leap for the space security of the Republic of Korea. We kindly ask for your continued interest and support in the field of space security from all sectors of civil, government, military, industry, academia, and research. Thank you.

Jae-Woo Lee, President of the KASS



ABOUT ACADEMY

ORGANIZATION CHART



This association actively operates around four divisions to enhance the academic research and exchange cooperation related to space security.

| Space Hazard Surveillance Division

The Space Hazard Surveillance Division focuses on the rapid increase of artificial satellites and space debris, targeting space situation awareness and collision prevention for satellite traffic management, and the early detection and timely response to various space risk factors including the fall of artificial and natural space objects. Developing technologies required for these tasks and cooperation with domestic and international experts, as well as future workforce training, are the main goals.

| Security Assets Development Division

The activities of the Security Assets Development Division aim to plan and develop resources, facilities, technologies, and information used to ensure the safety and stability of national space activities. Space security assets are important not only for maintaining cooperative and stable activities in space but also for protecting space activities from competition or conflicts between nations.

| Space Cyber Security Division

Recognizing the necessity and importance of space cyber security technology, the Korean Academy of Space Security established a space cyber security technology division from its inception. This division aims to promote awareness of space cyber security technology and establish a research foundation in the field through cooperation and communication among domestic and international experts in space and cyber security.

| Space Security Policy Division

The Space Security Policy Division is researching strategies, policies, and legislations related to △the safety guarantee of space assets, △the enhancement of security for satellite information, and △the security of the Earth through space. Furthermore, it strives to propose policies for the development of new space security technologies, governance structures, legislative systems, technology development, and workforce training, and to present strategic directions.



KEY HISTORY AND ACTIVITIES

Key History

03

- December 16, 2022 Proposal to establish the Korean Academy of Space Security
- January 30, 2023 Formation of the Preparatory Committee for the founding of the Korean Academy of Space Security
- May 03, 2023 Inaugural meeting and founding assembly of the Academy
- June 23, 2023 Completion of incorporation as a legal entity (under the jurisdiction of the National Intelligence Service)
- July 05, 2023 Registration of the corporation completed

Major Activities

- July 18, 2023 **Advisory Board Meeting**
 - A meeting of the advisory board was held in accordance with Article 24 of the charter by the National Intelligence Service's National Policy Manager.
 - During the advisory board meeting, opinions related to space security and the operation of the academy were collected, and after discussing development plans, it was agreed to evolve this meeting into a policy consultation meeting.
- November 22, 2023 **1st International Symposium on Space Security**
 - Held at The Plaza Hotel Seoul on the theme of "Space Security in the New Space Era: Technology, Policy, and Cooperation."
- November 27 to December 02, 2023 **Australian Political Science Association (ASPA) Conference Panel Composition and Presentation**
 - Experts from the Academy's Space Security Policy Division formed a panel on the topic of "Space Odyssey 2030 Revealed: Competition and Security in Northeast Asia's Space Development."
 - Presentations included comparative research on space-related legislation between North and South Korea, international cooperation for the protection of space assets, and the implications of space warfare and security in the era of artificial intelligence.



- December 04, 2023 **Discussion on Cooperation with the Australian Strategic Policy Institute (ASPI)**
 - Dr. Malcolm Davis, a space security expert from the Australian Strategic Policy Institute (ASPI) and experts from the Space Security Policy Division discussed cooperation strategies via video conference

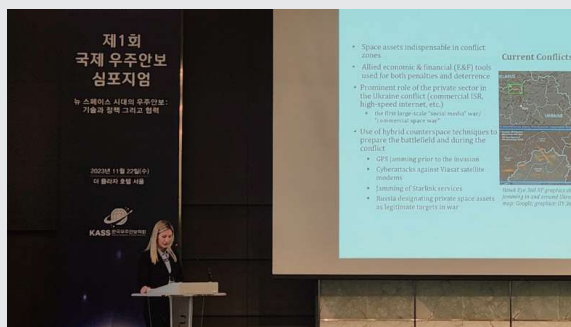


INTERNATIONAL SYMPOSIUM ON SPACE SECURITY



Opening Remarks by Jae-Woo Lee, President of the Korean Academy of Space Security

"Securing competitiveness in space is becoming a core national competency," he stated, expressing his confidence that "this symposium will contribute to sharing key national policies on space security and exploring cooperation methods with nations that share democratic values."



Keynote Lecture: Partnerships in the New Global Space Race Era

Jana Robinson, Prague Security Studies Institute



Panel Discussion: Space Security Technology and the Role of the Korean Academy of Space Security

Panelists | Jong-Bin Lim (Korea Aerospace Research Institute), Seong-Hoon Lee (Institute for National Security Strategy), Chun-Sik Park (Ajou University), Jang-Hyun Park (Korea Astronomy and Space Science Institute)



The International Symposium on Space Security is

based on international cooperation, not only in solidarity with space security-related societies in the United States, Japan, Australia, Czech Republic, etc., but also in promoting the hosting of international security academic conferences by touring these countries.



INTRODUCTION OF CORPORATE MEMBERS

01  한국항공우주연구원 Korea Aerospace Research Institute	02  NSR	03  한국천문연구원 KASI	04  국 방 과 학 연 구 소 Agency for Defense Development	05  KAIST
06  한국전자통신연구원 Electronics and Telecommunications Research Institute	07  INSS INSTITUTE FOR NATIONAL SECURITY STRATEGY 국가안보전략연구원	08  한화에어로스페이스 Hanwha Aerospace	09  한화시스템 Hanwha System	10  한국항공우주산업(주) KOREA AEROSPACE INDUSTRIES, LTD.
11  LIG Nex1	12  kt sat	13  KOREAN AIR	14  SI	15  DOOWON
16  AP 위성(주) Asia Pacific Satellite Inc.	17  Wave Electronics	18  DIGITRON 주식회사 디지털론	19  Logrus IT	20  SECURITY PLATFORM
21  유텔 U-TEL	22  RFHIC	23  Pixoneer GEOMATICS	24  넷커스트마이즈 NETCUS	25  KDT 극동통신
26  SOLETOP Remote sensing & Telepresence	27  ICE	28  i3system	29  HANCOM InSpace	30  스마트코리아피씨비 SMART KOREA PCB
31  CW (주)창우통상, since 1989				

01. KOREA AEROSPACE RESEARCH INSTITUTE / 02. NSR / 03. KASI
04. AGENCY FOR DEFENSE DEVELOPMENT / 05. KAIST / 06. ETRI / 07. INSS
08. HANWHA AEROSPACE / 09. HANWHA SYSTEM / 10. KAI / 11. LIG NEX1 12. KT SAT
13. KOREANAIR / 14. SATRECI / 15. DOOWON HEAVY IDUSTRIAL
16. ASIA PACIFIC SATELLITE INC. / 17. WAVE ELECTRONICS / 18. DIGITRON / 19. LOGRUS IT
20. SECURITY PLATFORM / 21. U-TEL / 22. RFHIC / 23. PIXONEER / 24. NETCUS
25. KDT / 26. SOLETOP / 27. ICE / 28. I3SYSTEM / 29. HANCOM SPACE
30. SMART KOREA PCB / 31. CHANG WOO INC.



MEMBERSHIP REGISTRATION GUIDE

	Corporate Members	Individual Members	
Eligibility	Domestic and international research institutions, public organizations, public and private corporations, and equivalent entities that agree with the founding purpose of the corporation and cooperate in business execution.	Regular	<ul style="list-style-type: none"> Those who have obtained a doctoral degree in space or security-related fields or those with a master's degree and over three years of experience in related fields. Individuals working in space or security-related tasks in government agencies or the army, navy, air force, and cyber military, or those with such experience. Those who have worked in space or security-related fields for more than five years.
		Lifetime Members	<ul style="list-style-type: none"> Regular members who have paid the equivalent of ten years of annual fees.
		Associate Members	<ul style="list-style-type: none"> Undergraduate students, graduates, or postgraduate students majoring in space or security-related fields.
Membership Fees	Small and medium enterprises/institutions More than 500,000 KRW Medium and large enterprises/institutions More than 1,000,000 KRW	Regular Members (Annual/Lifetime) : 10,000 KRW Associate Members : None	
Annual Fees	Small enterprises/institutions More than 1,000,000 KRW Medium enterprises/institutions More than 3,000,000 KRW Large enterprises/institutions More than 5,000,000 KRW	Regular Members (Annual/Lifetime): 50,000 KRW / 500,000 KRW Associate Members : None	
Member Benefits	<ul style="list-style-type: none"> Participation in discussions at the general assembly. Participation in the corporation's activities such as academic research presentations. Publication of papers in the corporation's journal and publications. <ul style="list-style-type: none"> * Only members may submit papers. * Discounts on registration fees for academic conferences organized by the society. * Information about various events held by research divisions and committees will be provided. This is applied differently according to the member company's grade, and only to representatives and some employees of member companies that have paid the annual fee for the current year. 	<ul style="list-style-type: none"> Participation in discussions at the general assembly. Participation in the corporation's activities such as academic research presentations. Publication of papers in the corporation's journal and publications. <ul style="list-style-type: none"> * Only members may submit papers. * Discounts on registration fees for academic conferences organized by the society. * Information about various events held by research divisions and committees will be provided. Participation in discussions at the general assembly. Participation in the corporation's activities such as academic research presentations. Publication of papers in the corporation's journal and publications. 	

To join, please submit an application form to kass@kass.ne.kr.
 Visit the society's homepage > Membership registration
 > Download the application form, or directly download it via the QR code.



Corporate Membership Application
Form QR Code



Individual Membership Application
Form QR Code

NEW ISSUES

JOSS, Journal of Space Security



KASS 한국우주안보학회
Korean Academy of Space Security

Guidelines for Online Paper Submission to the Journal of Space Security (JOSS)

After registering as a member on the Korean Academy of Space Security website, click on the "Submit Paper" menu. (Note: Membership registration on the website is a separate and required process.) We await your paper submissions to enhance the impact factor of the Journal of Space Security (JOSS).



Secretariat
of the Society

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