

# SECURITY, DEFENCE AND OUTER SPACE

## International Conference - Budapest

Institute of Space Law and Policy (University of Public Service)  
Hungarian Association of Military Science

Tuesday, 9 May 2023

Széchenyi Hall, University of Public Service (1083 Budapest, Ludovika tér 2.)

Registration: 9:00 - 9:30

### Welcome speeches

9:30	Gergely Deli	Welcome speech	Rector, professor, University of Public Service (UPS)
9:40	Eszter Vitályos	Welcome speech	Deputy Minister, Ministry of Culture and Innovation
9:50	Orsolya Ferencz	Welcome speech	Ministerial Commissioner, Head of Hungary's ESA delegation

### Keynote

10:00	Philippe Guillot	Space Weaponization	Associate professor of law, French Air and Space Force Academy
10:30	Col. Antal Szöllösi	Space Defence Strategy of the European Union	Head of Department for Defence Policy, Ministry of Defence of Hungary
11:00	Coffee break		

### Policy Matters

		<i>Chair: Gábor Marosfi</i>	<i>Ministry of Foreign Affairs and Trade, Hungary</i>
11:25	Mathieu Bataille	Impact of the Ukrainian War on Space Defence Policy	Research Fellow - Lead on Security and Defense Activities, European Space Policy Institute, Vienna
11:45	András Edl	The Importance of the Cislunar Space	Space security policy expert, Institute of Space Law and Policy (UPS)
12:05	Lilla Doucha	NATO's Deterrence Dilemma in Space	Junior researcher, American Institute (UPS)
12:25	Don Koulaouzos	Assessment of Civil Satcom Systems for Military Applications	CEO, Skytrek Ltd.
12:45	Discussion		

### Luncheon

13:00	Space Lunch Live DJ Set Performed by Sonica Erika Gazdag, Office of the Hungarian Chief of Defence Staff		

### Legal Matters

		<i>Chair: Katalin Horváth</i>	<i>Head of Development Strategy Unit, Ministry of Defence of Hungary</i>
14:00	Gábor Sulyok	Military Use of Outer Space: Normative Framework	Professor, Széchenyi István University
14:20	Nikos Charalampopoulos	Space and terrorism	Researcher, University of Piraeus, Greece

14:40	Péter Vári	Challenges of Space Telecommunications Regulation	Deputy Director General, Hungarian Media and Infocommunications Authority, Hon. Professor (SZE)
15:00	Gregorio Salatino	Legal Aspects of Earth Observation for Security and Military Reasons	Attorney (Italy), Researcher, Institute of Space Law and Policy (UPS)
15:20	Balázs Bartóki-Gönczy	Regulation of Space Traffic Management	Ass. Professor, Director, Institute of Space Law and Policy, UPS
15:40	Discussion		
15:50	Coffee break		
16:10	<b>National Space Policies - round table discussion</b>		
		<i>Moderated by: General (Ret.) Zoltán Szenes</i>	<i>Professor (UPS), former chief of staff of Hungary</i>
		Philippe Guillot András Edl Dániel Rémai Mo Rang Kim	
17:25	Closing remarks, <b>Balázs Bartóki-Gönczy</b>		Director, Institute of Space Law and Policy (UPS)
<b>Wednesday, 10 May 2023</b>			
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<b>Welcome Speeches</b>			
9:30	Brig. Gen. László Kovács	Welcome speech	Professor, Faculty of Military Science and Officer Training (UPS)
9:40	Col. Zoltán Krajnc	Welcome speech	Professor, Vice-Dean, Faculty of Military Science and Officer Training (UPS)
9:50	Balázs Kohut	Welcome speech	Director of Innovation (UPS)
<b>Keynote</b>			
10:00	László Palkovics	Innovation and dual use technologies in the Hungarian Defense Industry	CEO of N7 Holding Hungarian Defense Industry Innovation Ltd.
10:25	Maj. Corentin Jimenez	International Military Cooperation in Space	French Air and Space Force Academy
10:50	Lt. Col. Angelo Vinciguerra	Operational Space Support in NATO	Space Collective Training & Exercise Lead, Operational Concepts Section, NATO
11:15	Coffee break		
<b>Defence I.</b>			
		<i>Chair: Lt. Col. Attila Horváth</i>	<i>Head of Department, Hungarian Defence Forces</i>
11:40	Zoltán Hafner	Interdisciplinarity in space	Budapest University of Technology and Economics
12:00	Capt. Dénes Hamar	Orbital Mechanics training for space operators	Hungarian Defence Forces
12:20	L. Viktor Tóth	ESA Space Safety programs and future plans	Assistant professor (ELTE), Researcher (DE), Hungarian ESA Delegation
12:40	Gábor Facskó	Extreme Space Weather Impact on Critical Infrastructure	Wigner Research Centre for Physics
13:00	Discussion		

13:10	Luncheon		
<b>Defence II.</b>			
		<i>Chair: Col. (Ret.) Tamás Ráth</i>	<i>Professor, Hungarian Association of Military Science</i>
14:00	Lt. Col. Attila Horváth	Orbital choke points	Head of Department, Hungarian Defence Forces
14:20	Capt. Csaba Kövesi	SATCOM support architecture for the Hungarian Defence Forces	Hungarian Defence Forces
14:40	Gyula Horváth	From reliability to traffic management in the world of NATO Satellites	CEO, C3S Kft.
15:00	Maj. Gábor Nagy	Space Operations support doctrine for the Hungarian Defence Forces	Hungarian Defence Forces
15:20	Discussion		
15:30	Coffee break		
<b>Planetary Defence</b>			
		<i>Chair: András Edl</i>	<i>Researcher, Institute of Space Law and Policy</i>
15:50	László Kiss Krisztián Sárneckzy	Imminent impactor asteroids - discovering the potential threats to Earth	Professor, Director General, Research Centre for Astronomy and Earth Sciences  Research Coordinator, Konkoly Space Observatory
16:10	Csaba Kiss	Characterising Near Earth Asteroids: from astronomical observations to in situ space measurements	Counselor, Research Centre for Astronomy and Earth Sciences
16:30	Árpád Kis	Space Weather monitoring system in Hungary	Vice-Director, Institute of Earth Physics and Space Science
16:50	József Ambrusz László Teknős	Overview of disaster preparedness and risk management methods with a particular focus on space weather	Institute of Disaster Management
17:10	Discussion		
17:20	Closing remarks - <b>Gen. (Ret.) Zoltán Szenes</b>		Professor (UPS), President of the Hungarian Association of Military Science