



2025 ESA/ECSL Summer Course Cybersecurity in the context of space law and policy

Welcome Booklet

European Centre for Space Law
European Space Agency

Institute of Law
Tallinn University of Technology – TalTech
18-29 August 2025

**TAL
TECH**



The European Centre for Space Law (ECSL) was created in 1989 under the authority of the European Space Agency (ESA), with the support of several pioneers in the field. It operates based on a Charter, which was last updated in 2009.



Current contributors to the ECSL include professionals from various areas of the space sector, public institutions, international organisations, lawyers, university professors, and students.



One of the main objectives of the Centre is to provide a forum for all those wishing to participate in constructive dialogue related to space law, and to encourage interdisciplinary exchange.



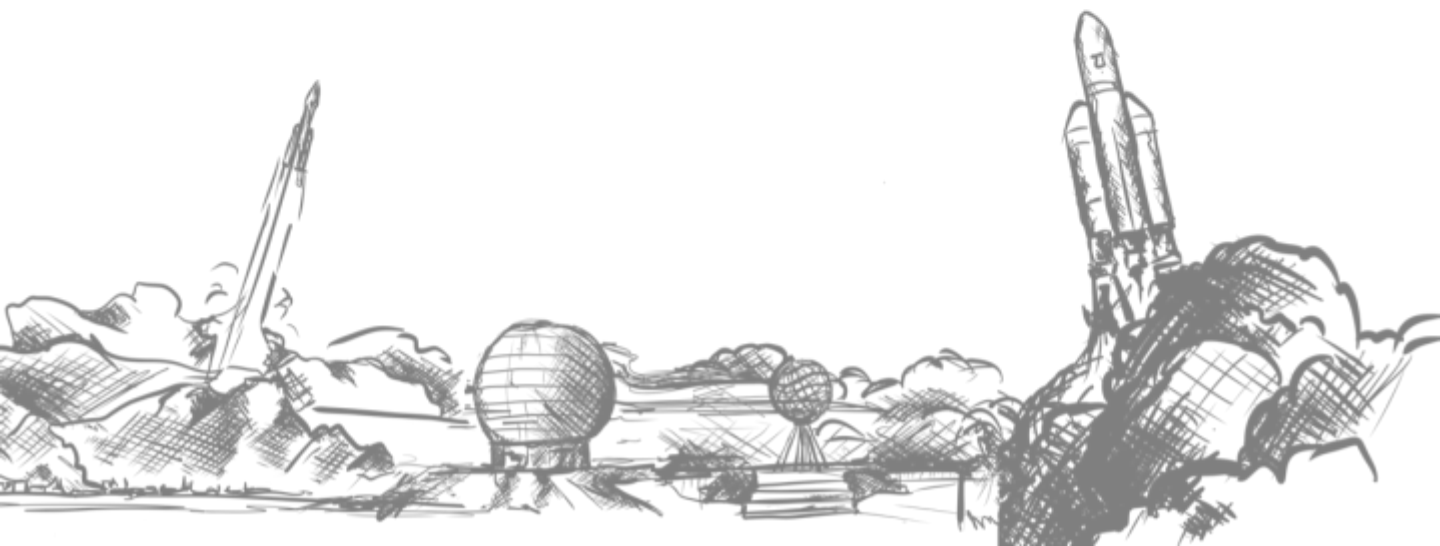
The ECSL is mandated to promote awareness, discussion, and development of the legal framework related to outer space activities. To achieve this, it organises various conferences, courses, and competitions, including the European rounds of the Manfred Lachs Moot Court.



The ECSL is currently undergoing a transformation process and is expected to have a revised structure in 2026 to support exciting future developments in space law.



Find out more about ECSL activities here: [ESA - ECSL - European Centre for Space Law](#)





The European Space Agency (ESA) is Europe's gateway to space. Its mission is to shape the development of Europe's space capability and ensure that investment in space continues to deliver benefits to the citizens of Europe and the world.

ESA's purpose shall be to provide for, and to promote, for exclusively peaceful purposes, cooperation among European States in space research and technology and their space applications, with a view to their being used for scientific purposes and operational space applications systems.

ESA is an international organisation with 23 Member States. By coordinating the financial and intellectual resources of its members, it can undertake programmes and activities far beyond the scope of any single European country.

In short, ESA's job is to draw up the European space programme and carry it through. ESA's programmes are designed to find out more about Earth, its immediate space environment, our Solar System and the Universe, as well as to develop satellite-based technologies and services, and to promote European industries. ESA also works closely with space organisations outside Europe.



Tallinn University of Technology

Founded in 1918, Tallinn University of Technology (TalTech), is the largest and one of the most international universities in Estonia, based in the capital Tallinn. TalTech offers internationally recognised and high-quality programmes in English in the fields of Law, IT, engineering, business, governance, etc. TalTech Law School (TLS) - the Department of Law at TalTech - offers a cutting-edge legal education at the crossroads of law, technology, and policy. With over 20 years of academic and research excellence, this innovative department is committed to advancing knowledge and shaping legal frameworks in the EU and beyond.

TLS offers a 3-year BA programme and a 2-year MA in Law programme, taught in English. Students explore areas from cyber-security and AI to intellectual property, human rights, EU law, and medical law, gaining both theoretical insights and hands-on experience through internships, moot courts, and team-based projects. Our graduates have gone on to roles in the European Commission, NATO-linked organisations, and Estonia's digital governance institutions. TLS is also home to the Legal Lab, offering advanced training and consultancy in areas such as AI, data protection, and digital governance, collaborating with governments, startups, and international bodies.

When you choose TalTech Law School, you join a vibrant international community in Estonia—a global digital pioneer—readying yourself for a versatile legal career in both Europe and worldwide.

Find out more: [Department of Law | Tallinn University of Technology \(TalTech\)](#)



Schedule & events

Please find below the class schedule for your information. Kindly note that some lectures may be rescheduled or swapped depending on other speakers. If any changes affect your lecture, you will be notified. You should already have your assigned lecture slot.

ROOM SOC-211a - TalTech

DAY 1 – Monday 18 August Introduction to International Space Law



10:00 – 10:30 Welcome words
& organisational matters

10:30 – 11:15 A changing space sector:
Why Space Law matters

Break

11:30 – 12:15 Outer Space Treaty: Core principles and concepts

12:15 – 13:00 Liability Convention and Registration Convention

Lunch Break

14:30 – 15:15 Rescue and Return Agreement: Humans in Outer Space

15:15 – 16:30 Moon Agreement

Break

16:45 – 17:30 Non-legally binding instruments:
Use for space activities

17:30 – 18:00 Project Work and group announcement



DAY 2 – Tuesday 19 August

Digital and Cyber law in space

10:00 – 10:45 ITU, regulation of the radio-spectrum and Earth orbits

Break

11:00 – 11:45 Satellite propaganda and disinformation

11:45 – 12:30 Tour of the Taltech Campus

Lunch Break

14:00 – 14:45 Cyberspace and outer space

14:45 – 15:45 Cybersecurity law and policy

Break

16:00 – 17:00 The Space-Cyber Nexus: Resilience, Security and Defence of Critical Infrastructure

HOSTED EVENT

Networking Dinner

18:00 – 21:00

 At Kolu kõrts in the Estonian Open-Air Museum
Vabaõhumuuseumi tee 12, 13521 Tallinn



DAY 3 – Wednesday 20 August Day trip to Helsinki and Aalto University

09:30  Meet up point: Terminal D
Uus-Sadama 24, Tallinn

10:30 – 12:30 Boat from Tallinn to Helsinki (Megastar)

Lunch – at your own cost

14:30 – 17:00  Introduction to Aalto University and space labs
School of Electrical Engineering at Maarintie 8, 02150
Espoo

Finnish National Space Law

Licensing and registration of space objects: different perspectives

Tour of Helsinki

18:30  Meet-up point: West Harbour Terminal 2
Tyynenmerenkatu 14, Helsinki

19:30 – 21:30 Boat from Helsinki to Tallinn (Megastar)



Tickets have been arranged for all participants of the course. Please be punctual; once check-in is closed, you will not be able to get on board.

Passenger registration closes 30 minutes before the ship's departure. Late arrivals will not be registered and will need to purchase a new ticket at their own cost.

Please note that 20 August is a national holiday in Estonia. As such, bus services and store opening hours might be affected.



DAY 4 – Thursday 21 August Space law from the national perspective

Held at the Estonian Ministry of Economic Affairs and Communications (Space Office)



Suur-Ameerika 1, 10122 Tallinn
Joint Building of Ministries
Room: Tamme saal

10:30– 11:00

Welcome Words

Break

11:15 – 12:00

National space legislation:
Purpose, Scope and Key elements

12:00 – 13:00

Luxembourgish Space Law

Lunch Break

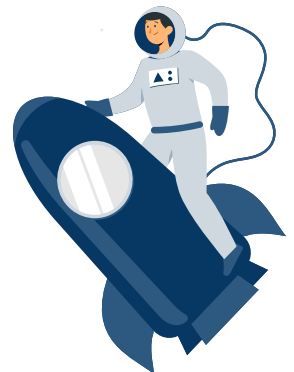
14:00 – 15:45

Story of the Estonian national space law

Break

16:00 – 17:00

Draft Estonian national space law



DAY 5 – Friday 22 August

Diplomatic Space Governance

10.00 – 10.45 International space institutions

10.45 – 11.30 Technical standardisation bodies

Break

11:45 – 12:45 Regional space institutions

Lunch Break

14:00 – 15:00 National space institutions

15.00 – 16.00 The use of space technologies to support the development and implementation of international law

Break

16.15 – 17.00 Carriers in the space sector: roundtable

DAY 6 & 7: Weekend



DAY 8 – Monday 25 August

Current challenges in the space sector: space sustainability and space security

09:00 – 10:00 Space safety

10:00 – 11:00 Space debris mitigation

Break

11:15 – 12:00 A legal perspective on space traffic

12:00 – 12:45 Legal aspects of space resources activities

Lunch Break

14:00 – 15:00 Military uses of outer space

15:00 – 15:45 Export control and international sanctions

Break

16:00 – 17:00 Legal aspects of GNSS jamming

HOSTED EVENT

17.30 - Reception hosted by Tallinn Law School on Campus



DAY 9 – Tuesday 26 August

Space in Europe

09:00 – 10:00 ESA Institutional and Legal Framework

10:00 – 11:00 The EU Space Competence

Break

11:15 – 12:00 The EU Space Programme and its Agency

12:00 – 13:00 The EU Space Act

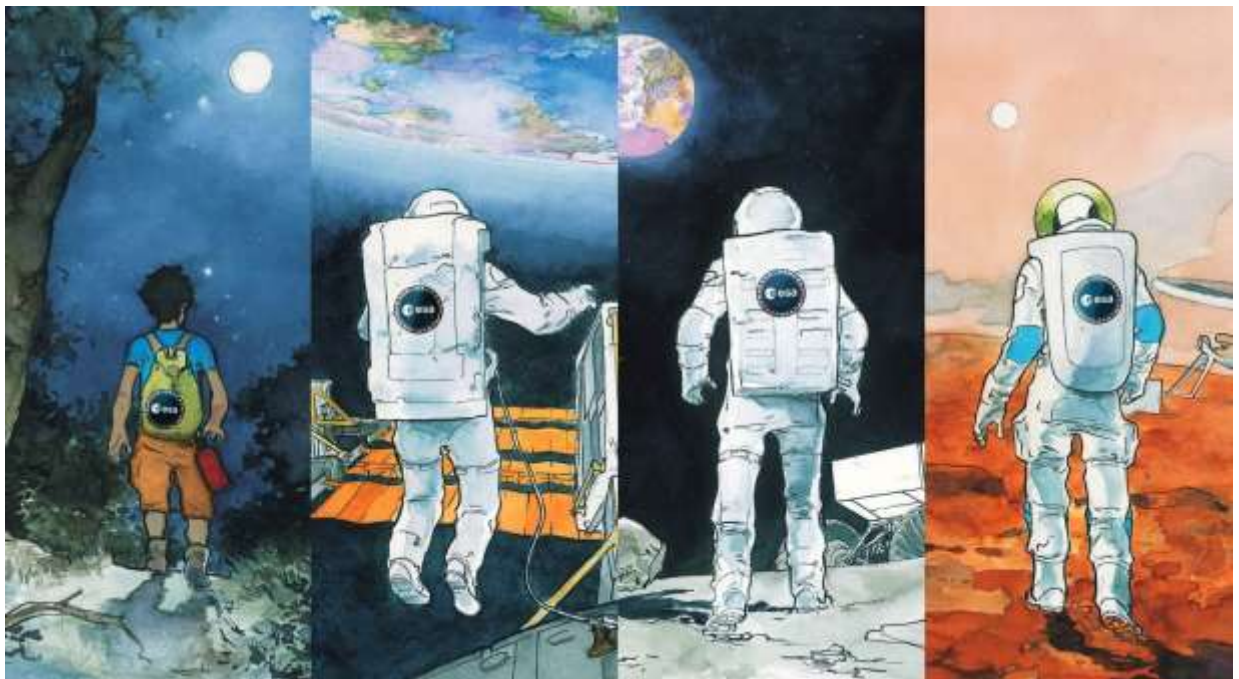
Lunch Break

14:00 – 15:00 ESA - EU Cooperation

15:00 – 15:45 EU Space Policy for Security and Defence

Break

16:00 – 17:00 Looking beyond: a future for space in Europe -
Panel discussion



DAY 10 – Wednesday 27 August

Private and Contract Law perspectives

09:30 – 10:30 New Space and commercialisation

Break

10:45 – 11:30 Application of private law concepts to space

11:30 – 12:15 ESA procurement standards

Lunch Break

13:30 – 14:15 Private law liability regarding space activities

14:15 – 15:15 Space insurance

Break

15:30 – 16:15 Space contracts

16:15 – 17:30 Satellite under attack: space cyber threat exercise





DAY 11 – Thursday 28 August

Space 2050: the future of space law

09:00 – 10:00 Artificial intelligence in the space sector

10:00 – 11:00 Legal aspects of future in-orbit servicing

Break

11:15 – 12:00 Legal aspect of space tourism

12:00 – 12:45 Space mining for critical materials needed for the energy transition

Lunch Break

15:00 – 16:30 e-Estonia showroom
Briefing on cybersecurity and e-governance

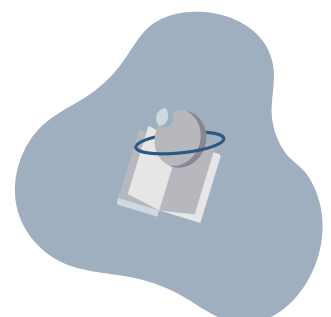


[Valukoja 8](#)
11415 Tallinn, Estonia

DAY 12 – Friday 29 August

Project work presentation and Evaluation

09:30 – 17:00 Schedule to be shared with groups and the jury.
Every group will present its project.





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