



INTERNATIONAL ACTIVITIES PROPOSED IN 2025

International Technical Semester: 17.02 – 21.06.2025

The 35th edition of the Students' International Conference "CERC": 11-12.04.2025

Blended Intensive Programme: IMINT/GEOINT Analysis Module: 23.06 – 04.07.2025



01. INTERNATIONAL TECHNICAL SEMESTER

“European Common Technical Semester for Defence and Security“

17.02 – 21.06.2025



- **Organized** by the Military Technical Academy “Ferdinand I” of Bucharest, Romania.
- **Period:** *17.02 – 21.06.2025.*
- **Cadets/Students Exchange**
- **Lecturers Exchange**

Accommodation-Meals:

- **Free accommodation** (cadets)
- **Free meals** for the participating cadets

Documents:

- **Nomination** by the home institution
- **Application form**
- **Erasmus papers**

Cadets/Students - ONGOING
Entire semester/selected modules:
24 international students/cadets + Romanian cadets

Teachers
2 days – 2 weeks (Erasmus STA)



Larnaca, 2025



INTERNATIONAL SEMESTER EuCTSds 2025

Period	Code	Disciplines	ECTS	Your option
17.02 – 23.02.2024 24.02 – 02.03.2024	BE01	Applied Informatics	3	
03.03 – 09.03.2024 10.03 – 16.03.2024	EI02	O1. Programming Languages	3	
17.03 – 23.03.2024 24.03 – 30.03.2024	EI03	O1. Computer Networks	3	
31.03 – 06.04.2024 07.04 – 10.04.2024	MS01	Common Security and Defence Policy	3	
11.04 – 13.04.2024	INTERNATIONAL STUDENTS' CONFERENCE CERC 2025			
18.04 – 22.04.2024	CATHOLIC&ORTHODOX EASTER 2025			
14.04 – 17.04.2024 28.04 – 04.05.2024	BE02	Applied Automation for Engineering Systems		
05.05 – 11.05.2024	EI01	O1. Signal Processing	3	
12.05 – 18.05.2024	MA01	O2. Mechanics and Material Science		
19.05 – 25.05.2024	EI04	O1. Microcontrollers	3	
26.05 – 01.06.2024	MA04	O2. Computer-Aided-Design and Numerical Analysis		
02.06 – 08.06.2024 09.06 – 15.06.2024	MS02	Integrated Weapon Systems	3	
17.02 – 21.06.2024 (1 day/week)	Proj	O1.1. Electronic and Communication Engineering	6	
23.04 – 27.04.2024		O1.2. Computer Sciences and Cyber Security		
16.06 – 21.06.2024		O2.1. Armament Systems and Military Engineering		
		O2.2. Aerospace and Transport Engineering		
17.02 – 15.06.2024	ICom	Intercultural communication	2	
	Sport	Physical Education and Sports	2	

Teachers
2 days – 2 weeks
(Erasmus STA)



INTERNATIONAL SEMESTER “European Common Technical Semester for Defence and Security“ 11.02 – 21.06.2025



Larnaca, 2025



02. Students' International Conference "CERC" 2025



- **Organized** by the Military Technical Academy "Ferdinand I" of Bucharest, Romania.
- **Period:** *11-12 April 2025.*

<https://www.mta.ro/international/en/cerc/>

**Free accommodation and meals for cadets
Transport from/to the airport**

- **In partnership with:**
 - *National University of Science and Technology POLITEHNICA Bucharest, Romania*
 - *Military University of Technology, Warsaw, Poland;*
 - *IUT "Paul Sabatier" of Toulouse, France;*
 - *"Vasil Levski" National Military University, Veliko Tarnovo, Bulgaria.*

Based on the scientific circles organised by the MTA academic teachers.

Promotes exchanging ideas and scientific information between military and civilian students from Romania and abroad.



Larnaca, 2025



The 35th edition of the Students' International Conference "CERC" 2025



Erasmus+ International Week

Thursday
10 April 2025

ARRIVAL

Friday
11 April 2025

09.00 – 09.30 – Opening Ceremony
09.30 – 13.00 – Panels
13.00 – 14.00 – Lunch Break
14.00 – 19.00 – Panels
21.00 – 23.00 – Traditional Dinner

Saturday
12 April 2024

09.00 – 10.00 – Award Ceremony
10.00 – 10.30 – Closing Conference
10.30 – 13.00 – Intercultural activities
13.00 – 14.00 – Lunch Break

Sunday
13 April 2024

DEPARTURE



Larnaca, 2025



The 35th edition of the Students' International Conference "CERC" 2025



CERC 2024 - OPENING CEREMONY





The 35th edition of the
Students' International Conference "CERC" 2025



CERC 2025 - PANELS

01. Armament Systems (EN)
02. Energetic Materials and Ammunition (EN)
03. Constructions and Fortifications (EN)
04. Military Engineering and Geomatics(EN)
05. Aerospace and Mechanical Engineering (EN)
06. Automotive Engineering and Materials Technology (EN)
07. Logistics for Defence and Security (EN)
08. Communications and Signal Processing (EN)
09. Robotics, Automation and Electronic Systems (EN)
10. Computer Engineering and AI (EN)
11. Computer Engineering, Cybersecurity and Cryptography (EN)
12. Mathematics Applied in Engineering (EN)
13. Military Science (EN)
14. Geopolitics and Military History (EN)
15. Intercultural Communication and Military Ethics (EN)
16. English Language and Culture (EN)
17. French Culture, Civilisation and Military Ethics (FR)
18. Cultural Anthropology (FR)
19. Common Security and Defence Policy (EN)
20. Erasmus and Military Erasmus Experiences (EN)

Teachers:
part of the scientific committees



Students:
deliver presentations





The 35th edition of the Students' International Conference "CERC" 2025 Erasmus+ International Week



Larnaca, 2025



The 35th edition of the
Students' International Conference "CERC" 2025
" CERC " 2025 TRADITIONAL STUDENT DINNER



Larnaca, 2025

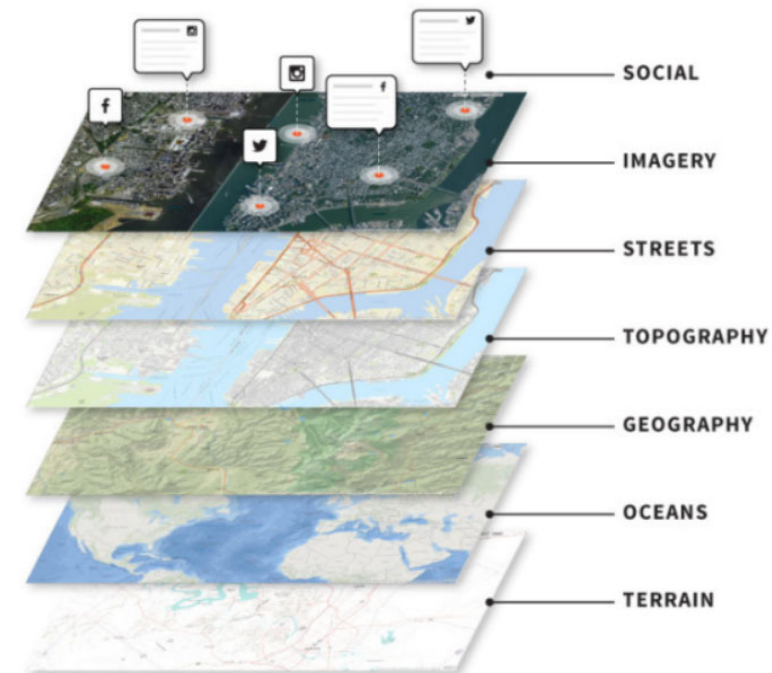
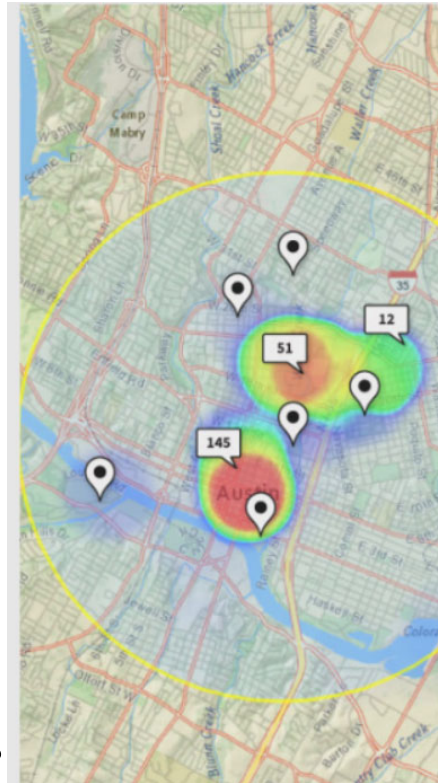


03. BLENDED INTENSIVE PROGRAMME: IMINT/GEOINT Analysis Module 23.06 – 04.07.2025



Goals of the module

- Discover and understand basic principles of the IMINT/GEOINT Analysis and Exploitation;
- Learn about SAR Imagery basics, Imagery analysis techniques and reporting, Remote sensing fundamentals, UAV systems;
- Deepen knowledge of the practical applications using GEOINT concepts, technologies and products





03. BLENDED INTENSIVE PROGRAMME: IMINT/GEOINT Analysis Module 23.06 – 04.07.2025



Prerequisites for participants

- English: Common European Framework of Reference for Languages (CEFR) Level B1 or NATO STANAG Level 2.
- At least 1 year of national (military) higher education.
- Basic knowledge on technical systems for security and defence
- Security clearance: Unclassified information



03. BLENDED INTENSIVE PROGRAMME: IMINT/GEOINT Analysis Module 23.06 – 04.07.2025



MODULE DETAILSc				
Main topic	Lectures (recom. WH)	Application (recom. WH)	Self-studies (Add. WH)	ECTS
Remote sensing fundamentals	4		40	4ECTS
Earth observation satellite systems	2			
Basic concepts of SAR Imagery	4	2		
Imagery Analysis (IA) techniques and reporting	6			
GEOINT – Concepts, technologies and products	4			
Imagery analyst mission	2			
UAV systems	4	2		
IA of STANAG 3596 Target Categories: airfields, SAM systems, storage and repair installations, port installations	16	8		
Scientifically project		6		
TOTAL	42	18		





03. BLENDED INTENSIVE PROGRAMME: IMINT/GEOINT Analysis Module

23.06 – 04.07.2025

DETAILS



- WHEN: 23rd June – 04th of July 2025
1st week – on-line
2nd week – residential format
- WHERE: Military Technical Academy „Ferdinand I”
- WHO: Cadets – no special requirements
- MTA: Free accomodation and meals
- HOW: <http://www.emilyo.eu>
<http://www.mta.ro/international>
- POC: Cdor.Prof.Eng.PhD. Cristian-Emil MOLDOVEANU
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INTERNATIONAL ACTIVITIES PROPOSED IN 2025

CONTACT

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