

3rd Cyber ETEE Summer School

17 - 20 June, 2024, Constanta

*'Advancing Europe's Cyber Resilience:
Navigating the New Frontiers of Digital Sovereignty,
Diplomacy, and Intelligence'*



Invitation

Cyber ETEE Summer School **17-20 June 2024, Constanta, Romania** (ESDC Activity 23-24/260/1)

Cybersecurity has become a prime factor in global social and economic stability. The increasing importance of cybersecurity has been further enhanced by the international events of recent years - the collateral effects of the global pandemic, the war in Ukraine and the continued expansion of an evolving digital world. The Euro-Atlantic area is one of the most exposed areas in terms of cyber risks due to geopolitical conditions and the high level of technology that attracts inherent threats from state and non-state cyber attackers. As a global industry, the maritime sector holds immense global significance by its nature and by its ability to significantly affect the world economy through strategic rebound effects. Maritime cybersecurity addresses extremely difficult issues as it functions as an area of convergence of critical infrastructures where risks of difficult to estimate contagion and adverse effects are potentially high and severe. The maritime sector plays a key role in the EU's economy and society, and as the maritime industry undergoes a digital transformation, its complexity and potential vulnerabilities are increasing and its cyber risk profile is changing. Combined with a significant increase in cyber attacks against key maritime infrastructures, these changes highlight the need for maritime cybersecurity to be addressed in more detail.

To address the complex issue of cybersecurity in the maritime field, the Romanian Maritime Cybersecurity Centre of Excellence of the Maritime University of Constanta, under the auspices of the European Security and Defence College (ESDC), is pleased to organise the **Cyber ETEE Summer School from Monday 17 to Thursday 20 June 2024, in Constanta.**

Both civilian and military officials, junior to senior representatives from EU Member States governmental institutions, academia, research, training actors and EU bodies and agencies and interested experts are invited to participate. The registration of participants will be supported by ESDC nominators and via the ESDC platforms (see details in Annex A).

Cyber ETEE Summer School is tailored to unite a diverse cohort of professionals, renowned experts, and academic figures to dissect and discuss Europe's digital sovereignty and the nuanced cyber geopolitical landscape. This 3rd Cyber ETEE Summer School 2024 edition (strategic/tactical/technical level), is an immersive platform for education, training, exercise, and evaluation (ETEE) within the spheres of cybersecurity, geopolitics, diplomacy, and intelligence. This 3rd edition, themed 'Advancing Europe's Cyber

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Resilience: Navigating the New Frontiers of Digital Sovereignty, Diplomacy, and Intelligence,' focuses on raising Europe's cybersecurity stance in the global arena through training and education. It acts as a vessel for analysing and addressing the intricate challenges and opportunities presented by the rapidly evolving digital domain. It is poised to have a strategic impact on enhancing Europe's cybersecurity capabilities.

The aim of the summer school is to engage participants through an array of lectures and hands-on workshops, deepening their insights into a range of pivotal cyber issues. These include: the dynamics of EU cybersecurity policy; fostering resilience against prominent cyber threats; the intricacies of international cyber diplomacy and cyber deterrence; and the cultivation of cyber resilience through an inclusive multi-stakeholder strategy. Additionally, a significant part of the dialogue will revolve around reconciling the dual imperatives of surveillance and the safeguarding of privacy, as well as leveraging avant-garde technologies to underpin next-wave cybersecurity measures. The Cyber ETEE Summer School 2024 sets out to foster a multi-disciplinary, collaborative ethos in tackling cybersecurity challenges. It aspires to catalyse knowledge transfer, enhance skill sets, and broaden professional networks among participants, encouraging the exchange of best practices between maritime actors and further addressing cybersecurity at national, European and international levels. This endeavour is intrinsically aligned with Europe's overarching strategic objective - to affirm its digital autonomy and bolster its defence mechanisms in the face of expanding cyber threats.

On behalf of the Romanian Maritime Cybersecurity Centre of Excellence of the Maritime University of Constanta and the European Security and Defence College, we are pleased to invite you to nominate suitable participants for this ESDC course, which is an excellent opportunity to gain an insight into New Frontiers of Digital Sovereignty, Diplomacy, and Intelligence, and to gain and share expertise and information on Europe's maritime cybersecurity stance in the global arena through education, training, exercise and evaluation.

Prof. Dr. Gabriel Raicu
Rector
Maritime University of Constanta



Fergal O'REGAN
Acting Head,
European Security and Defence College



Annexes:

- A – Summer School Administrative Instructions
- B – Summer School Tentative Agenda

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Annex A
Administrative Instructions

Cyber ETEE Summer School

(ESDC Activity Number 23-24/260/1)

Constanta, Romania, 17-20 June 2024

- **Target audience:** civilian and military personnel, junior to senior representatives from EU Member States, EU institutions, bodies and agencies and interested experts.
- **Seats and nominations:** maximum number of 39 participants is expected.
- **Application and deadline:** the EU Member States, institutions, and agencies are invited to identify, select, and nominate their appropriate candidates. Applications should be submitted by designated nominators until 28 May 2024 using the ESDC ENLIST platform at <https://esdc.europa.eu/enlist/login>. A list of official nominators can be found on the ESDC website at <http://esdc.europa.eu/nominators/>.

Registration will not be final until confirmed by the ESDC Secretariat. Please do not book flights and accommodation before receiving the confirmation.

For any issue concerning the application, registration and nomination processes, please contact the course administrator, Ms Anna MALEC (ESDC Training Manager).

The selection of participants will be based on applicant backgrounds, experience, suitability, gender balance and country of origin. The decision on which applications are accepted remains solely with the Romanian MARCYSOE Course Director and the ESDC Secretariat. The course administrator will contact the selected participants and provide more detailed information about the course and logistics.

Late registration: subject to the availability of seats, the course is open for late registration. Please contact the course administrator, Ms Anna MALEC (ESDC Training Manager, Anna.MALEC@eeas.europa.eu) or the Course Director, Prof. Dr. Gabriel RAICU (gabriel.raicu@cmu-edu.eu).

Summer School webpage: <https://www.cysec.center/the-cyber-etee-summer-school-3rd-edition/>

- **Mandatory e-learning and attendance:** the course consists of an e-learning preparatory phase (online) to be completed using the ESDC e-Learning platform ILIAS, as well as a residential activity in Constanta (Romania); both parts are compulsory. In order to complete the first part (i.e. the online modules), the ESDC will provide the relevant links to the selected participants. Participants must complete these online e-learning modules before the start of the residential part. The participants' attendance during the residential course in Constanta is mandatory on all days. A certificate will be awarded on the last day to those course participants who have completed both the e-learning phase and the residential course.

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- **Course venue (location):** the course will be held at the headquarters of the Romanian Constanta Maritime University located at 104 Mircea cel Bătrân Street, 900663, Constanța, Romania, GPS coordinates: 44.1862, 28.6515. More details about the venue and how to access it will be provided to all confirmed participants.
- **Language:** the working language is English; interpretation will not be provided.
- **Summer School (tuition) fees:** the Summer School has no registration or tuition fees.
- **Travel expenses, transfers, accommodation, meals and catering:** participants should arrange their own travel and accommodation. All costs for travelling to/from Constanta, accommodation, catering and meals (including breakfast), daily allowances, transfers and local transport must be covered by the participants or by their sending authorities.

Hotel reservations: there are numerous hotels in the Constanta area, and participants are responsible for their own arrangements. Nevertheless, participants are recommended to stay at ChERICA 4*, Continental Forum 4* and Dali 3* hotels. Participants can make their own booking arrangements.

Local transport: for participants arriving at the Henri Coanda Airport in Bucharest, various transportation options are available for traveling to Constanta.

For those seeking **private transport**, there are services available like Kirvad or Direct Aeroport, which provide direct transfers from the airport to your hotel in Constanta. It is recommended to make a reservation at least one day before your flight to ensure availability.

Rail transport from the Henri Coanda Airport (Bucharest) to Constanta, Romania:

- First Segment: Depart from Henri Coanda Airport and arrive at Bucuresti Nord railway station. The estimated journey time is approximately 25 minutes, and ticket costs 5 RON (equivalent to 1 EUR).
- Second Segment: Depart from Bucuresti Nord railway station and arrive in Constanta. The estimated travel time for this leg of the journey is around 2 hours and 15 minutes. The cost for a First-class ticket is 100 RON (approximately 20 EUR).

For additional details and to purchase train tickets online, please refer to the link [here](#).

Recommended **public transport** from Constanta railway station to Constanta Maritime University, 104 Mircea cel Batran, Constanta:

- BOLT Ride Share: the estimated journey time is around 10 minutes, with an approximate cost of 20 RON (4 EUR).
 - Bus services: routes 2-43 and 5-40. The estimated travel time is approximately 20 minutes. The ticket price for two trips is 5 RON (1 EUR), and you can pay by card on the bus.
- **Liabilities, medical and life insurance:** in the event of medical emergencies or accidents, the costs will be covered directly by the health, life and accident insurance provided by the participants' sending countries,

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national authorities or organisations. The organiser does not provide health, life or accident insurance for participants at the training activity or during their stay in Romania.

- **Dress code:** we recommend that participants wear business attire (or a dress) for the opening event and closing ceremony. Members of the armed forces, gendarmerie and police are not obliged to wear their uniforms, unless they prefer.
- **Arrival/departure:** participants are invited to arrive in Constanta on Sunday 16 June 2024. The course will start at 09.00 on Monday 17 June 2024 and will finish at around 16.15 on Thursday 20 June 2024.
- **Diversity and inclusion:** the ESDC is committed to an inclusive, gender-sensitive and discrimination-free environment. We do not and will not discriminate on the basis of race, colour, religion, gender, gender expression, age, national origin, disability, marital status, or sexual orientation in any of our activities or operations. Only in an inclusive environment can all people, and therefore the ESDC and its partners, realise their true potential. We therefore particularly encourage those applicants who are likely to be underrepresented to apply. The ESDC and the Romanian CMU will not tolerate any conduct that violates these values.
- The final course agenda will be distributed to all selected participants. Nevertheless, for matters regarding the course programme and planned activities, please do not hesitate to contact the Course Director, Prof. Dr. Gabriel RAICU (gabriel.raicu@cmu-edu.eu).
- **Additional information: Cyber ETEE Summer School (4 days) versus Cyber ETEE Conference (3 days)**
The Cyber ETEE **Conference**, which is also Cyber ETEE ESDC-CMU training activity relevant to maritime cybersecurity, will be held in parallel to Summer School, also at the headquarters of the Romanian Constanta Maritime University but from 17 to 19 June 2024 (PoC for Conference: ESDC Training Manager Jerzy.SYPEK@eeas.europa.eu). Both activities will address relevant topics such as cyber power geopolitics, cyber diplomacy and deterrence, cyber intelligence, surveillance and privacy, cyber society resilience, mutually assured cybersecurity, ransomware global terrorism and cyber insurance and supply chains.
- **Points of contact:**
 - ✓ Course Director, Prof. Dr. Gabriel RAICU Gabriel.RAICU@cmu-edu.eu
Vice-Rector, Maritime University of Constanta
 - ✓ ESDC Cyber ETEE Training Manager, Anna MALEC: Anna.MALEC@eeas.europa.eu
ESDC Representative, ENLIST registration, E-Learning and course information



	DAY 1 Monday 17 June	DAY 2 Tuesday 18 June	DAY 3 Wednesday 19 June	DAY 4 Thursday 20 June
	Strengthening Europe's Digital Sovereignty	Enhancing Cybersecurity Mechanisms and Technical Resilience	Advancing Cybersecurity Technologies and Practices	Public-Private Partnerships in Strengthening EU Cybersecurity
08.30-09.00	<i>Registration</i>	Prep Time	Prep Time	Prep Time
09.00-09.30	Opening Remarks	Class 3 - Advanced Threat Detection and Cybersecurity Technologies	Class 5 - Encryption and Data Protection Technologies	Class 7 - The Role of Public-Private Partnerships in EU Cybersecurity
09.30-10.30	Class 1 - Evolving Cybersecurity Policy in the EU: Milestones Achieved and Future Outlook			
10.30-10.45	Class 2 - Fostering Collaborative Cybersecurity Initiatives among EU Bodies, National Governments, and Industry Partners	Coffee Break	Coffee Break	Coffee Break
10.45-11.00		Class 4 - Cybersecurity Standards and Best Practices in the EU	Class 6 - Emerging Cybersecurity Technologies in the EU	Class 8 - Success Stories of EU Cybersecurity Collaborations
11.00-11.15				
11.15-12.15	Workshop 1 - Crafting a Collaborative Cybersecurity Strategy for Europe's Digital Ecosystem	Lunch break	Lunch break	Lunch break
12.15-12.45		Workshop 2 - Cyber Incident Response Simulation	Workshop 3 - Cybersecurity Tech Sprint	Closing Panel - The Future of Cybersecurity in the EU
12.45-13.15				Coffee Break
13.15-13.45	Keynote Speech - Privacy and Security in the Digital World	Keynote Speech - Vision for a Cyber-Secure Europe	Expert Roundtable - Integration of New Technologies into EU Cybersecurity Practice	Awarding Ceremony - Celebrating Achievements of Summer School Participants
13.45-14.45				Closing Remarks
14.45-15.00				
15.00-15.15				
15.15-15.30				
15.30-15.45				
15.45-16.00				
16.00-16.15				
16.15-16.30				
16.30-16.45				