



European Initiative for the exchange of young officers inspired by Erasmus

EMILYO – Military Erasmus – Erasmus Militaire – The Initiative



LoD-21: Hybrid Threats

Col Prof Adrian Lesenciuc, PhD, Henri Coanda Air Force Academy
LoD-21 Coordinator

LoD-21 session

Tuesday, 19 November 2024, 14.00=17.00, 64th IG Meeting, Shumen



Establishing the details
of organising the first
train-the-trainers (TTT)
module

Henri Coanda Air Force Academy, Braşov,
24-28 March

Debating over syllabi,
initiating work on contents

Establishing the first
common module and
the first debate forum

Debates

- classes for the train-the-trainers module (TTT HThM LoD-21) vs classes for the common module (CHThM LoD-21)
- syllabi proposals

A1

Proposals

- 1st CHThM LoD-21, academic year 2025-2026
- 1st HThDF LoD-21, academic year 2025-2026
- 2nd TTT HThM LoD-21, academic year 2025-2026

Slide 2

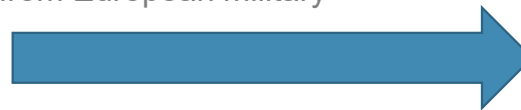
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Adrian; 28.04.2024

1st TTT HThM LoD-21 Trainees

The **trainees**:

- who will be invited to participate in the training session in Brasov, for the 1st edition of the TTT HThM LoD-21?
 - the narrow target audience: **(TA1)** people registered for LoD-21 debates in 63rd and 64th IG meetings
 - the extended target audience: **(TA2)** participants in IG meetings; **(TA3)** people interested in HtH from European military academies
- how to initiate and send the invitation?



- sending an unofficial invitation (by email) to TA1, to set the own agenda
- drawing up and sending an official invitation, without naming the guests, signed by the rector of Henri Coanda Air Force Academy, uploaded on EMILYO website and sent to each European military academy, for all the categories of target audiences (TA1, TA2, TA3) - deadline: **25 November, 2024**
- receiving the response from the European military universities: deadline: **15 January, 2025**

1st TTT HThM LoD-21 Trainers



Experts

people who have direct experience in concrete actions of hybrid warfare or in combating hybrid threats (E1)

representatives in European bodies or in centers of excellence for combating HTh (E2)

people who have experience in studying the phenomenon and who have developed studies in the field of HTh or participated in projects in the field of HTh (E3)

people who have experience in subfields of HTh (E4)



Relevant subfields

Information

Social networks

New technologies

Politic, diplomatic, economic, financial subfields

Cultural & social subfields

Military vectors



1st TTT HThM LoD-21 Curriculum



NATO.
Hybrid Threats and Hybrid Warfare
Reference Curriculum

-  **Hybrid War and Hybrid Threats**
Background, Definitions, and Debates
-  **Threat Vectors**
Domain-related Means and Methods of Exercising Hybrid Threats and Hybrid Warfare
-  **Actors**
From Great Powers and Small States to Nonstate and Proxy Actors
-  **Countering Hybrid Warfare and Hybrid Threats**

NATO Reference Curriculum

1st TTT HThM LoD-21 Our draft of programme



Day 1:
Hybrid Warfare and Hybrid Threats. General Issues
Hybrid Warfare Reference Curriculum



Day 2:
Russian Hybrid Warfare
Societal Resilience. Security Culture



Day 3:
Threat Vectors. Technological Vector
Threat Vectors. Diplomatic Vector.
Economic and Financial Manipulation
StratDocs. National Strategies of Security



Day 4:
Fighting Disinformation. Digital Transformation
Ethics in Hybrid Warfare



Day 5:
Emerging Technologies and AI
Counter Terrorism
Border Management



Marina MARCHISIO CONTE (Italy) - Threat Vectors. Technological Vector
Vira KONSTANTYNOVA (Ukraine) - Societal Resilience. Security Culture
Col Zoltan JOBBAGY (Hungary) - Hybrid Warfare Reference Curriculum
Col Adrian LESENCIUC (Romania) - Hybrid Warfare and Hybrid Threats. General Issues
Alina BÂRGĂOANU (Romania) - Fighting Disinformation. Digital Transformation
Antonia COLIBĂȘANU (Romania) - Threat Vectors. Diplomatic Vector. Economic and Financial Manipulation
Col Andrzej SOBON (Poland) - StratDocs. National Strategies of Security
Col Laurian GHERMAN (Romania) - Emerging Technologies and AI
Ioanna LEKEA (Greece) - Ethics in Hybrid Warfare
Jukka SAVOLAINEN (Finland) - Border Management
Viktorija RUSINAITE (Lithuania) - Russian Hybrid Warfare
Andreea STOIAN-KARADELI (USA) - Counter Terrorism



Debating over syllabi Common module



LoD-21 coordinators: Responsible for presenting the syllabi

Col Prof **Adrian Lesenciuc**, PhD

Assoc Prof **Ioanna Lekea**, PhD

Col Prof **Andrzej Sobon**, PhD

Col Assoc Prof **Laurian Gherman**, PhD



Common module relevant topics

Information Operations (InfoOps)

Social networks

Emerging technologies and AI

Military ethics in hybrid warfare



Information Operations (InfoOps)

Objective



To provide students with an understanding of the role of information operations in hybrid warfare, its methods, and its impact on decision-making and operational success.



Methods

Lectures with multimedia presentations.
Interactive discussions.
Simulation exercises on planning and analyzing INFO OPS campaigns.

Assessment

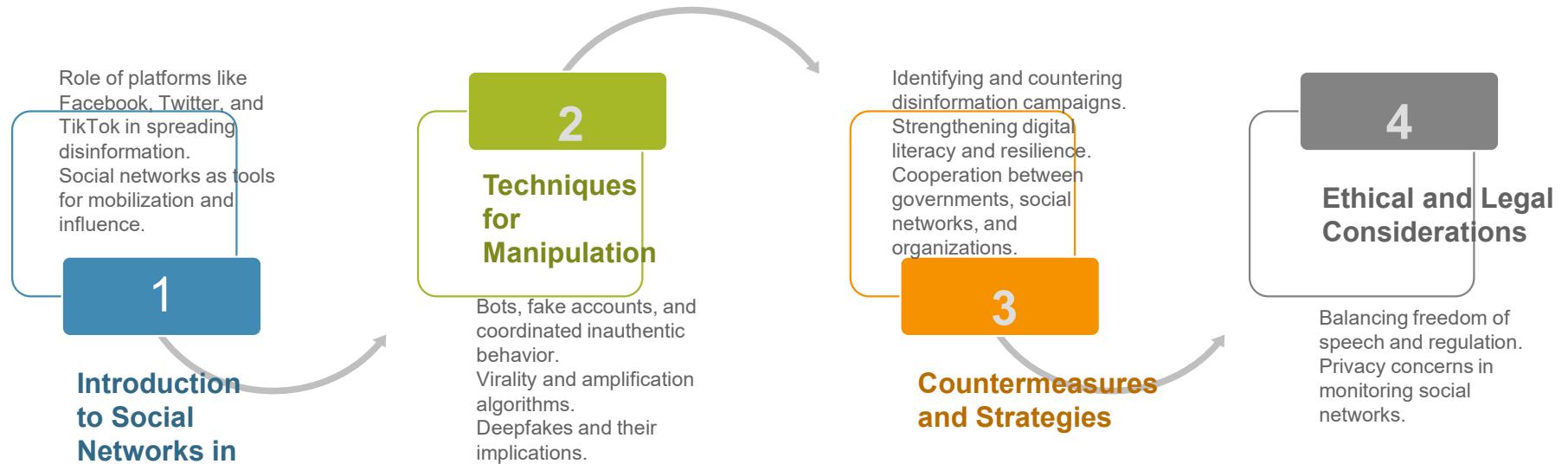
Group analysis of a real-world INFO OPS scenario.
Individual reflection essay on ethical considerations in INFO OPS.

Social Networks

Objective



To examine the role of social networks as both enablers of hybrid threats and tools for countering them.



Methods

Hands-on analysis of real-world social network data.
Role-playing exercises: designing both a disinformation and counter-disinformation campaign.
Group discussion on ethical dilemmas.

Assessment

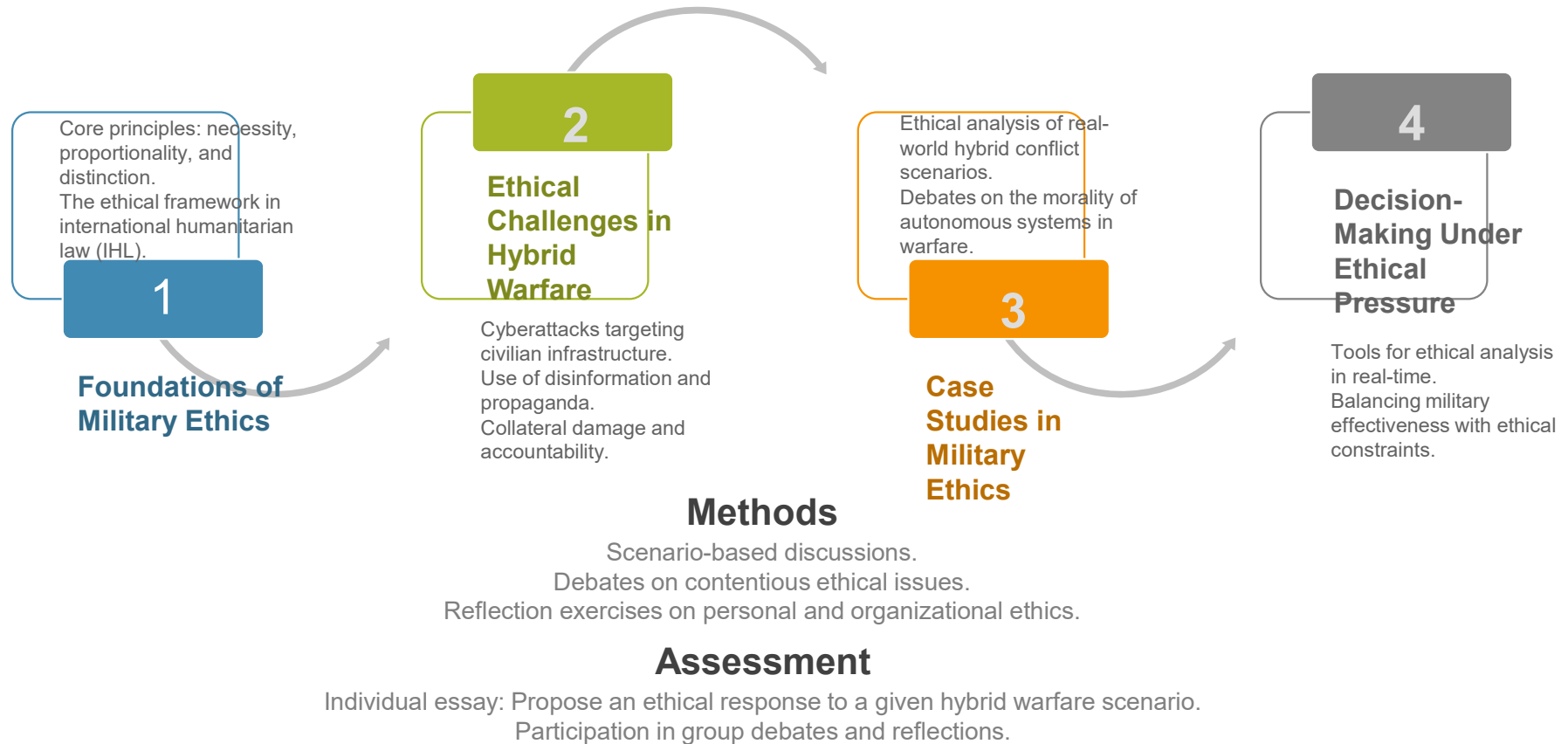
Group project: Analyze and propose countermeasures for a disinformation campaign.

Military Ethics in Hybrid Warfare

Objective



To explore ethical dilemmas in hybrid warfare and develop frameworks for ethical decision-making in complex, ambiguous scenarios.

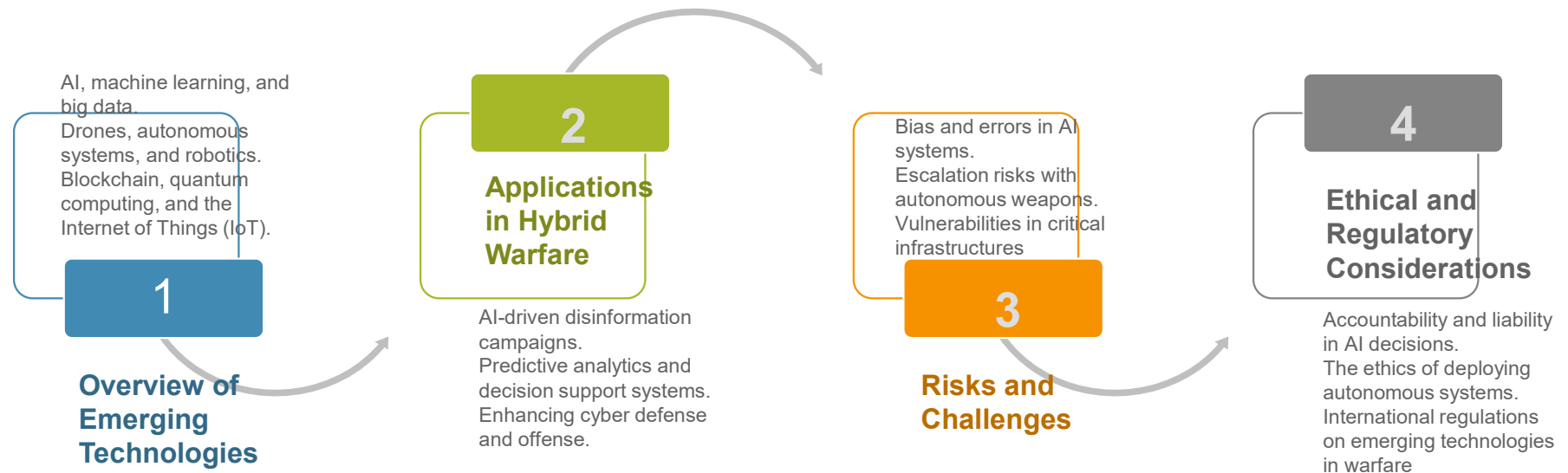


Emerging Technologies and AI

Objective



To analyze the role of emerging technologies and AI in hybrid warfare, focusing on opportunities, risks, and ethical considerations.



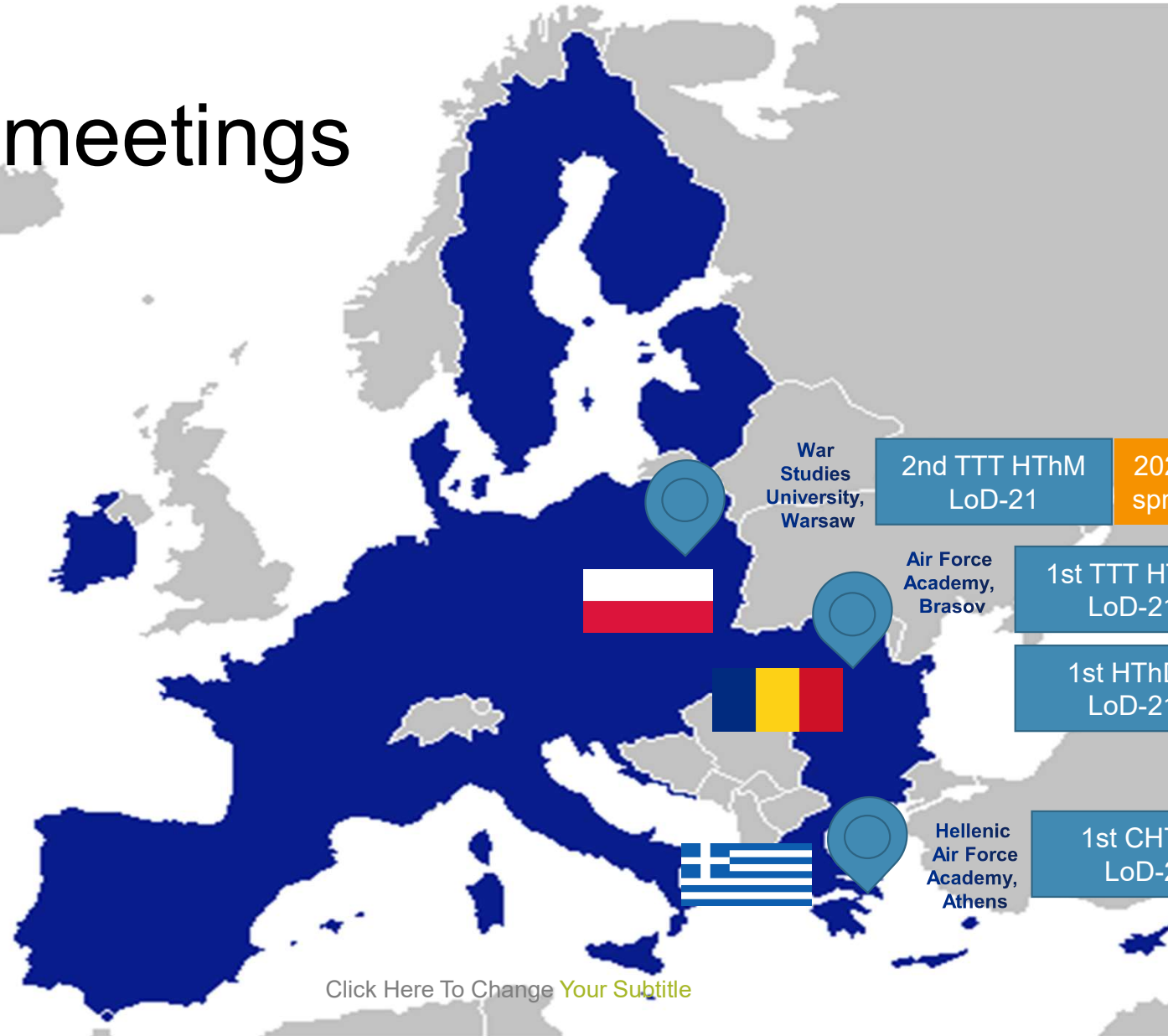
Methods

Interactive lectures with case studies.
 Hands-on sessions exploring AI tools.
 Group exercises: designing a technological response to a hybrid threat.

Assessment

Group presentation on the risks and ethical implications of a selected emerging technology in warfare.
 Individual quiz on key concepts.

Next meetings



War Studies University, Warsaw

2nd TTT HThM
LoD-21

2025-2026,
spring sem.



Air Force Academy, Brasov

1st TTT HThM
LoD-21

24-28
March 2025



1st HThDF
LoD-21

2025-2026,
spring sem.



Hellenic Air Force Academy, Athens

1st CHThM
LoD-21

2025-2026,
spring sem.

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THANK YOU!

LoD-21 HTh:

Bogdan Căbăl
Laurian Gherman
Emil Kaminski
Adrian Lesenciuc
Benjamin Rived
Cosmina Roman
Nina Tomic Smit
Michal Turcanik
Radoslaw Tyslewicz
Jacek Zabolotny
+
Ioanna Lekea
(online)