

CD SDP

CYBER DEFENCE SMART DEFENCE PROJECTS´

5th CONFERENCE

16 MAY 2019

PORTUGAL
LISBOA
MILITARY ACADEMY

Cyber NATO-EU Cooperation

Empowering the Ecosystem, investing on Human Capital and supporting Transformation and Innovation

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PROGRAM

Organized by
The Ministry of Defence of Portugal (MDN)
in coordination with the Military Academy

With support
NATO Allied Command Transformation (ACT) | NATO Industry Cyber Partnership (NICP)
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NATO OTAN

Malware Information Sharing Platform | MISP

MN CD E&T

MULTINATIONAL MN CD2 - Cyber Defence Capability Development

Partners

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Background

During the last decades modern societies became more and more networked, generating a worldwide dependence to Internet and Cyberspace. This growing dependency is influencing the international security environment and the Alliance strategic vision, highlighting the need of setting-up a cooperative Cyber Defence Capability.

In the area of Cyber Defence, there are already three Smart Defence Projects: Multinational Cyber Defence Capability Development (MNCD2), Malware Information Sharing Platform (MISP) and Multinational Cyber Defence Education and Training (MNCDE&T). NATO's Smart Defence calls for a renewed cooperation culture and requires an innovative approach in order to better enhance the Alliance's Cyber Defence.

At the Warsaw Summit, in July 2016, Allies formally assumed their commitment to strengthen their own Cyber Defence, and recognized cyberspace as a new operational domain. NATO leaders designated cyberspace as a 'domain', alongside land, sea and air. In order to better integrate cyber into planning and operations, NATO is also setting up a Cyber Operations Centre, as part of the new NATO Command Structure.

The joint declaration, signed in Warsaw, gave a new impetus and substance to NATO-EU cooperation, highlighting the need to adopt a multidimensional framework (NATO-EU) and a synergetic approach in order to reinforce the NATO-EU complementarity of efforts on the field of Cyber Security and Cyber Defence.

Cyber threats require a "all of state" response at both civilian and military arena, calling for the development of a highly skillful workforce, the reason why NATO and EU recognizes Cyber Defense Education and Training Cyber as one of the top level strategic priorities. The illiterates of the 21st Century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn.

Cyber resilience and preparedness are major tasks for NATO and EU operations and missions, where Cyber Security and Cyber Defence are closely connected as they address the same threats, requiring life-long learning, following the same basic principles and requiring similar measures and procedures.

Objectives

Building upon the encouraging results of the latest NATO CD SDP Conference, the 5th edition will represent an unusual opportunity to explore new ideas: from harmonising requirements to delivering operational capabilities; from research and innovation to transformation; from education, training and exercises to maintenance and support for operations, and reinforcing the NATO-EU complementarity of efforts on the field of Cyber Security and Cyber Defence.

In line with this idea, Cyber Defence related Projects (MNCD2, MISP and MNCDE&T) are strongly committed to join efforts and work together with industry and academia, building the necessary bridges between international and national initiatives.

This 5th NATO CD Smart Defence Projects' Conference has the following main objectives:

- Endorse a NATO-UE roadmap to energize and promote a robust network for an ecosystem of Education, Training and Exercises, and a Savvy Cyber workforce development;
- In line with the NATO-EU Joint Declaration, reinforce the NATO-EU complementarity of efforts and enhance the implementation of the common set of proposals by promoting a Synergetic Approach, namely on the areas of Cyber Defence Education, Training and Exercises;
- Develop synergies and stimulate the cooperation between all the NATO's CD Projects in order to foster new initiatives within this Project's cluster as well as with the wider CD community (e.g. national, international, academia and industry);
- Promote an active engagement and participation of industry and academia at NATO's and National CD Capability Development Processes towards Innovation and Transformation of Cyber Defence E&T;
- The "Cyber Academia and Innovation Hub" possible contribution to NATO and EU.

This event intends to offer a free, open and wide discussion forum, providing industry and academia a unique opportunity to present and discuss new ideas, solutions and technical capabilities.

Conference Agenda
Thursday,16th of May of 2019

08h00 - 08h30 | Conference Shuttle - Hotels to Military Academy (Amadora)

08h00 - 08h45 | Registration

09h00 | Conference Opening - Opening Remarks and Welcome

Ana Santos Pinto, Secretary of State for National Defence

09h30 | Keynote Speakers - Cyber cooperation: The Roadmap towards a Cooperative Capacity Building

Moderator
Ambassador Luís de Almeida Sampaio, Portuguese Permanent Representative to NATO

Speakers
Christian-Marc Lifländer, Head Cyber Defence Section, ESCD, NATO Headquarters
Colonel Jaak Tarien, Director of the NATO Cooperative Cyber Defence Centre of Excellence

10h30 | Coffee Break

11h00 | Panel 1 - A robust Cyber ecosystem: Savvy Cyber workforce development

Moderators
MISP - Col Filip GILLET, Project Manager
MN CD E&T - LtCol Luís Carvalho, Project Manager
MNCD2 - LtCol Rene Treur, Project Manager

Speakers
Ms. Pilleriin Lillemets, DH Project Lead for Cyberspace Operations Discipline, CCD COE
Dr. Gregor Schaffrath, ESDC Cyber Training Manager, European Security and Defence College
Mr. Ralf Fornefeld, EDA Project Officer Cyber Education, Training & Exercises
Mr. Jean-Paul Massart, NCIA, Chief E&T Service Line
Mr. Ross Riddell, NATO Multinational Solutions Team - SACT

12:00 | PANEL 2 - Cyber resilience and preparedness: Harmonising requirements to delivering operational capabilities

Moderator
RADM Gameiro Marques, DG of the Portuguese National Information Security Authority

Speakers
BGEN HUN Army, Sandor VASS, Director, Cyberspace Operations Centre (ACO - CyOC)
BGEN FRA Air, Didier TISSEYRE, General chief of staff - Deputy Cyber defence Commander
Captain Navy Fialho de Jesus, Head of the Portuguese Armed Forces Cyber Defence Centre
Lt. Commander Gonçalo Sousa, consultant at the National Cybersecurity Centre
Mr. Antonio Calderon, Chief, Network Services & IT infrastructure Service Line, NCIA
LtCol. Francisco Marín, Exploitation Group Chief of Spanish Cyber Command

Conference Agenda
Thursday,16th of May of 2019

13h00 | Lunch

14h00 | Round Table - Cyber Defence Capability Development: The added value of NATO-EU Cooperation

Moderator
Ambassador Gilberto Jerónimo, Deputy SG of the Ministry of Foreign Affairs of Portugal

Speakers
Mr. Wolfgang ROEHRIG – Head of Unit Information Superiority, EDA
Mr. Ian West - Chief Cyber Security NCIA
Ms. Bobbie H. Sanders, USA DoD – CIO and Chief Cyber Workforce Management Directorate
Mr. Michael Sela, BD and Marketing Manager for the Israeli Aerospace Industry in Europe

14:45 | Coffee Break

15:15 | PANEL 3 - National contribution: Industry and Academia towards Transformation, Innovation and Capability Building

Moderator
PhD Jose Borges, Professor at Military Academy and CINAMIL Chairman

Speakers
Mr. André de Aragão Azevedo, National Technology Officer of Microsoft Portugal
PhD Ricardo Reis, Professor at Universidade Católica Portuguesa
Mr. Satoshi Shimizu, Board Member - Cybercrime Investigation Knowledge Forum
Mr. Laurent PORRACCHIA, Airbus Cyber Security Head of Sales
Dr. Sandro Gaycken, CEO and Founder of GoRoot and Director of Digital Society Institute Berlin

16:15 | Cyber Academia and Innovation Hub, National contribution

Ms. Eman El-Sheikh, Director – Center for Cibersecurity of University of West Florida

16:45 | CONFERENCE CLOSE

Marcelo Rebelo de Sousa, President of the Portuguese Republic
João Gomes Cravinho, Portuguese Minister of Defence

17:00 | END OF CONFERENCE

17:30 - 18:00 | Conference Shuttle to Airport / Lisbon Centre Hotels

Honour Committee

President of the Portuguese Republic
PhD Marcelo Nuno Duarte Rebelo de Sousa

Prime Minister
Dr. António Luís Santos da Costa

Minister of the Presidency and Administrative Modernisation
PhD Mariana Vieira da Silva

Minister of Defence
PhD João Gomes Cravinho

Minister of Internal Affairs
PhD Eduardo Cabrita

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Admiral António Maria Mendes Calado

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National Security Authority
Rear-Admiral António Gameiro Marques

Military Academy Commander
Major-General João Jorge Botelho Vieira Borges

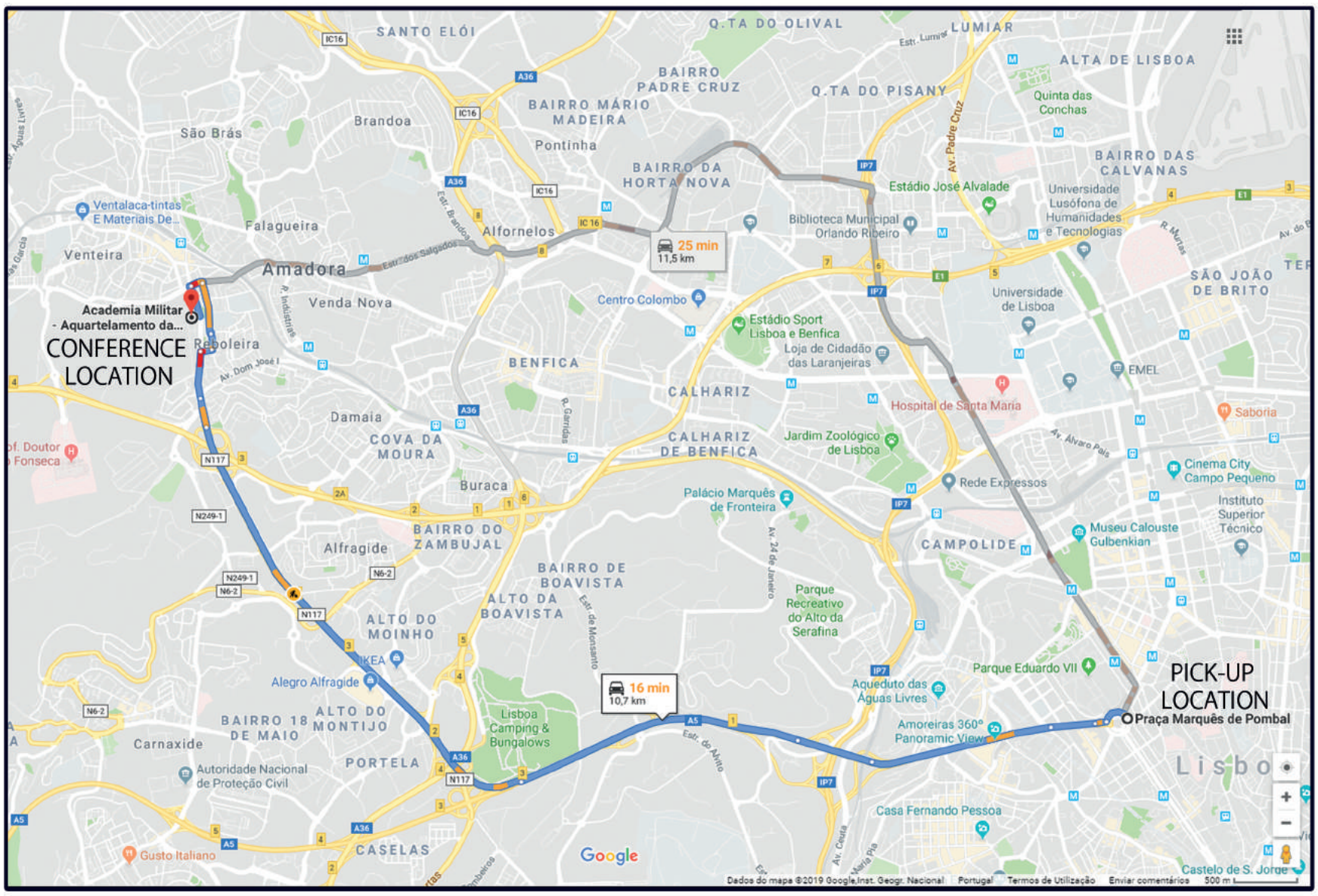
Organizers

CD SDP Conference is organized by the Portuguese Ministry of Defence, in coordination with Military Academy, and with support from the NATO Allied Command Transformation (ACT), CIIWA, AFCEA and EuroDefense Portugal, idD, CINAMIL together with other NATO, EU and national partners from academia, private sector and government.

Venue and Contacts

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www.academiamilitar.pt
5cdsdp-conf@academiamilitar.pt


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