**NATO SMART DEFENCE**

# *4th NATO Cyber Defence Smart Defence Projects' (CD SDP) Conference*

## "NATO–EU Cooperative Cyber Defence Capability Building"

*How Smart Defence and Pooling & Sharing can foster Cooperation, Transformation and Innovation.*




Organised by
The Ministry of Defence of Portugal (MDN)
with support from the NATO Allied Command Transformation (ACT)
NATO Industry Cyber Partnership (NICP),
idD, CIIWA, EuroDefense Portugal, CINAMIL and AFCEA Portugal

## PORTUGAL

*(Lisbon, 19 April 2018)*

Principal Sponsor Knowledge Partner

SAMGarde Deloitte.

**Partners:** REPÚBLICA PORTUGUESA, CINAMIL, NATO OTAN, CIIWA, AFCEA PORTUGAL

**Sponsors:**

Platinium: SAMGarde, AIRBUS

Silver: idD, gmv, indra

Bronze: GLOONE for critical environments, Check Point SOFTWARE TECHNOLOGIES LTD, UNIVERSALIS, VIEIRA DE ALMEIDA, DOGNÆDIS A PANDORA COMPANY, Microsoft, PT Empresas

**Contacts:**
ACADEMIA MILITAR
Paço da Rainha, 29 – 1169-203 LISBOA
Tel. 21 3186936
e-mail: MNCDET.NATO@mail.exercito.pt
4CDSDP-Conf@academiamilitar.pt

***Registration*** *(no fee):* Registration
https://ensino.academiamilitar.pt/SIGA/EvReg.do?e=4&s=16997

## Background

NATO and EU recognizes Cyber Defence as one of the strategic priorities. Cyber threats require a response that is both civilian and military and this requires well - trained personal on different expertise and training levels. To protect the cyberspace, we will need more research, better capabilities, more training and exercises in constant coordination with all relevant stakeholders to create a unified and coordinated Cyber Defence posture and to maximize resilience and protection of ICT-based systems. The work done to improve world's Cyber Security and Cyber Defence is still in its initial phases. We must lose no time in embracing this golden opportunity of the advent of the digital era to plan and implement the next steps together, spending efficiently, and that is only possible if we join forces.

According NATO Strategic Concept, adopted in November 2010 in Lisbon, Smart Defence seeks to stimulate synergies and foster Allied Nations cooperative efforts, in order to ensure the development, acquisition and maintenance of the necessary military capabilities. Smart Defence is thus assumed by NATO as a way of non-duplication and integration of national capability development initiatives (pooling and sharing), capable of allowing a better prioritization and coordination of efforts between NATO and Allied Nations.

In the area of Cyber Defence, there are already three Smart Defence Projects: Multinational Cyber Defence Capability Development (MN CD2), 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.

The joint declaration signed in Warsaw on 8 July 2016, 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.

## Objectives

Building upon the encouraging results of the latest NATO CD SDP Conference, the 4th edition will represent an unusual opportunity to explore new ideas, towards a more synergetic approach between all the NATO Cyber Defence Smart Defence Projects, enhancing cooperation with industry and academia to transformation, innovation and capability building 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 4th NATO CD Smart Defence Projects' Conference has the following main objectives:

- Reinforce the NATO-EU complementarity of efforts on the field of Cyber Security and Cyber Defence.
- In line with the NATO-EU Joint Declaration, 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);
- Discuss a Cyber Curriculum and the role of Academia on the development of a Savvy Cyber Workforce, 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" implementation.

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.

Thursday, **19 April 2018**

Thursday 08:00 - 08:30 | **CONFERENCE SHUTTLE (TBC) –** Hotels to Military Academy (Amadora)

Thursday 08:30 - 09:00 | **REGISTRATION**

Thursday 09:00 - 09:15 | **CONFERENCE OPENING** – High Entity (CHOD/MoD)

Thursday 09:15 - 09:45 | ROUND TABLE |

**The Cyber Strategic Challenge: The Roadmap towards a Cooperative Capacity Building**

Ambassador Luís Barreira de Sousa, PRT Ambassador for Cyberdiplomacy | **Moderator**
Mihkel Tikk, Chief Information Officer, Estonian Ministry of Defence
Neil Robinson, Officer, Cyber Defence Policy, Emerging Security Challenges Division to NATO (ESCD)

Thursday 09:45 - 10:45 | PANEL 1 |

**Synergies and International Cooperation on Cyber Defence: The enabling power of Smart Defence and Pooling & Sharing**

**Moderator:** Colonel Philippe Van Den Dorpe, Cyber Defence Branch NHQC3Staff

LtCol Filip GILLET, MISP Project Manager
LtCol drs. P.R. (Paul) 't Hoen, MNCD2 Project Manager
LtCol Luís Carvalho, MNCDE&T Project Manager
Mr. Mario Beccia, EDA Capability, Armament & Technology, Project Officer Cyber Defence

Coffee Break

Thursday 11:00 - 12:30 | PANEL 2 |

**How to build a Savvy Cyber Workforce? Innovation and Transformation of Cyber Defence E&T**

**Moderator:** VAlm Edgar Marcos de Bastos Ribeiro, Commandant of IUM

Mr. Jean-Paul Massart, NCIA, Chief E&T Service Line
Mr. Dirk Dubois, Head of the ESDC
Mr. Brian Gouker, College of Cyber, National Security Agency, USA
Mr. Ferenc Szalai, Education Team Leader at Education and Training Branch of the NATO CCD COE

Lunch

Thursday 14:00 - 14:45 | ROUND TABLE |

**The Digital Age and its impact on C4ISR and Cyber: The added value of NATO-UE Cooperation**

Mr. Jorge Aranda, PRT Ministry of Foreign Affairs (MFA | **Moderator**
BG Martin Konertz, EDA, Director Capability, Armament & Technology
RADM Thomas Daum, Chief of Staff NATO Communications and Information Agency (NCIA)

Coffee Break

Thursday 15:00 - 16:15 | PANEL 3 |

**Cyber Defence Capability Development – Enhancing Capability Building**

**Moderator:** Commodore Fernando Jorge Pires, Director of CIS

Captain Navy Fialho de Jesus, Chief of Portuguese Cyber Defence Centre
Mr. Pedro Veiga, Portuguese Cyber Security National Centre Coordinator
Cdr Wolfgang ROEHRIG, DEU Cyber and Information Domain Service HQ

| |
|---|
| Thursday 16:15 - 17:15 \| PANEL 4 \| |
| **Cyber Academia and Innovation Hub – Academia, Industry and Research & Development (R&D)** |
| **Moderator:** MGEN Henrique Castanheira Macedo, CEO of idD |
| National Industry - Ms. Ana Rita Pereira, public sector lead of Microsoft Portugal; Mr. Luís Miguel Marques, Account Technology Strategist at Microsoft |
| International Industry - Mr. Cathal Corcoran, Gatwick airport CIO; Mr. Andrew Harcourt, SAMGarde CIO; |
| National Academy - PhD Jose Borges, Professor at Military Academy and CINAMIL Chairman. |
| Break |
| Thursday 17:30 - 17:40 \| **CONFERENCE SUMMARY** |
| Thursday 17:40 - 18:00 \| **CONFERENCE CLOSE –** High Entity (CHOD/MoD) |
| Thursday 18:00 - 18:30 \| **END OF CONFERENCE** - 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 Maria Manuel Leitão Marques

**Minister of Defence**
PhD José Alberto Azeredo Lopes

**Minister of Internal Affairs**
PhD Eduardo Cabrita

**Joint Chief of Staff**
Admiral António Manuel F. da Silva Ribeiro

**Army Chief of Staff**
General Frederico Rovisco Duarte

**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 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.

## Become a Sponsor

There is a chance to become a sponsor of the conference. We have different levels of sponsorship cooperation available aiming to offer a good visibility at our event for our partners. If you are interested in more detailed overview on how to become a sponsor for the 4th CD SDP Conference, please contact us (MNCDET.NATO@mail.exercito.pt and 4CDSDP-Conf@academiamilitar.pt).

## Contacts

**Academia Militar**
Paço da Rainha, 29
1169-203 LISBOA
Tel. 21 3186936
e-mail: 4CDSDP-Conf@academiamilitar.pt
MNCDET.NATO@mail.exercito.pt

***Registration: (until 31 March 2018)***

https://ensino.academiamilitar.pt/SIGA/EvReg.do

Registration