

*2<sup>nd</sup> NATO Cyber Defence  
Smart Defence Projects' (CD SDP)  
Conference*

**A SMART APPROACH  
TO A SMARTER CYBER DEFENCE**

*Academia, Industry and EU-NATO Cooperation*



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

**PORTUGAL**

*(Military Academy, Lisbon, 28 April 2016)*



## Background

---

During the last two decades, the world has been deeply influenced by the digital revolution and the rapid pace of ICT developments. Information Age brought an unprecedented economic and social development but also created new security challenges and risks, mainly due to modern societies' increasing network dependencies.

Besides its enormous strategic value, internet and cyberspace became an important attack vector targeting individuals, enterprises, critical infrastructures, states' electronic government processes and even Law Enforcement and Armed Forces Networks. Taking into account that cyberspace has no physical borders and attending to the growing disruptive and destructive power of cyber threats, the new NATO strategic vision highlighted the need of setting-up a cooperative cyber defence capability in order to meet current and future security and defence challenges.

According to the NATO Strategic Concept, adopted in November 2010 in Lisbon, the concept of 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.

## Objectives

---

Building upon the encouraging results of the 1st NATO CD SDP Conference, the 2nd edition of this Conference is intended to enhance the development of synergies and to stimulate the cooperation between all the Cyber Defence Smart Defence Projects. A special attention will be given to NATO's cooperation with Industry and Academia, in the framework of the NATO Industry Cyber Partnership (NICP), and to explore new NATO-EU cooperation opportunities in the field of Cyber.

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 2<sup>nd</sup> NATO CD Smart Defence Projects' Conference has the following main objectives:

- 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 Cyber Defence Competencies & Skills, the building of a Cyber Curriculum and the role of Academia on the development of a Cyber Workforce.
- Promote an active engagement and participation of industry and academia at NATO's and National CD Capability Development processes.
- Develop and reinforce national and international cooperation at the existing multinational Cyber Security and Cyber Defence initiatives, namely at NATO-EU level.
- Promote a Cyber Security and Cyber Defence strategic culture that may stimulate national synergies and foster Allies cooperation.

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



## PORTUGUESE MILITARY ACADEMY

Thursday, 28 April 2016

08H00	<b>Conference Shuttle</b> –Hotels (TBC) to Military Academy (Amadora)
08H30-09H15	Registration
09H15-09H20	<b>Conference Opening</b> – HE Minister of Defence, Dr. José Alberto Azeredo Lopes -TBC
09H20 / 10H00	<p style="text-align: center;"><b>Round Table</b></p> <p style="text-align: center;"><b>Enhanced NATO Policy on Cyber Defence and NATO-EU Cooperation: From Wales to Warsaw Summit</b></p> <p>Ambassador Luis de Almeida Sampaio (PRT Permanent Representative to NATO), Ambassador Sorin Ducaru (NATO ASG ESCD), Mr. Koen Gijssbers (NCIA GM) and Mr. Jorge Domecq (EDA Chief Executive)</p>
10H00 / 11H15	<p style="text-align: center;"><b>NATO CD Smart Defence Projects</b></p> <p style="text-align: center;"><b>Moderator:</b> MGEN Jose Triguero de la Torre, NHQC3S</p> <p><b>NATO CD Capability Development: The Role of Smart Defence</b> Lt Col Dragomir Draganov, NHQC3S</p> <p><b>Multinational Cyber Defence Capability Development (MNCDD2)</b> LTC drs. P.R. (Paul) 't Hoen, MNCDD2 Project Manager</p> <p><b>Malware Information Sharing Platform (MISP)</b> Lt Col Filip GILLET, MISP Project Management and BE Department Chief CIS &amp; Cyber Security (General Intelligence and Security Services)</p> <p><b>Multinational Cyber Defence Education and Training (MNCDE&amp;T)</b> Lt Col Paulo Viegas Nunes, MNCDE&amp;T Project Manager</p>
	Coffee Break
11H30 / 12H45	<p style="text-align: center;"><b>Cyber Defence Education and Training – Building the Cyber Workforce</b></p> <p style="text-align: center;"><b>Moderator:</b> Mr Jean Paul Massart, NCIA Chief E&amp;T Service Line</p> <p><b>CD Competencies and Skills</b> Mr. Allard Kernkamp, NLD MoD SME for the MNCDE&amp;T project</p> <p><b>Developing a CD Curriculum: The role of Academia</b> Dr. David Pickard, UK</p> <p><b>Cyberspace Workforce Strategy: Building a Skillful Cyber Force</b> Stephanie Shively, US DoD SME for the MNCDE&amp;T project</p> <p><b>NATO CD E&amp;T Plan – Strategic Vision</b> LCDR Patrick Salmon (US), CD Department Head, Cyber Defence Operations/ACT</p>
LUNCH	Lunch
14H00 / 15H30	<p style="text-align: center;"><b>PARALLEL SESSIONS</b></p> <p style="text-align: center;"><b>Partnerships in the Cyber Domain (Industry and Academia)</b></p> <p><b>New NICEP Initiatives – Boosting Cooperation with Industry</b> (Coord: Mrs. Julie Uzupris - (UK CDC Rep.) DePoSyTE - Mr. Wolfgang ROEHRIG (EDA); NICEP: Fostering Cooperation with small business and academia on CD – Ms. Anna Barcikowska (NCIA); It's time to reimagine security – Mr. Adam Palmer – FIREEYE / Redshift Consulting;</p> <p><b>Cyber Training, Modelling &amp; Simulation – Academia and R&amp;D</b> (Coord: Mr. Ross Riddell - ACT SD Coord Rep.) CDTEXP - GMV/CINAMIL Rep.; National Cyber Defence: The Role of Academia – NBO Rep – TBC</p>
	Coffee Break
16H00 / 17H15	<p style="text-align: center;"><b>NATO-EU Cooperation in the Cyber Domain</b></p> <p style="text-align: center;"><b>Moderator:</b> MGEN Henrique Macedo, MoD Resources Directorate, Deputy Director</p> <p><b>NCIRC-CERT EU Cooperation</b> Ian West Chief, Cyber Security NCIA</p> <p><b>CCD CoE – A Cooperative approach to Allied Cyber Defence</b> Maj Christian Tschida, CCD CoE</p> <p><b>EU Cyber Defence Roadmap: Enhancing Sharing and Collaboration</b> Mr. Wolfgang ROEHRIG – EDA Programme Manager &amp; Project Officer Cyber Defence</p> <p><b>NCISS (Future Academy in Oeiras): Transforming NATO C4ISR and Cyber Training</b> Mr Jean Paul Massart, NCIA Chief E&amp;T Service Line</p>
17H30	Break
	<b>Conference Summary</b>
17H40 / 18H00	<p style="text-align: center;"><b>National Synergies and Supporting Efforts to NATO</b></p> <p>General Artur Pina Monteiro, Portuguese Chief of Defence –TBC</p>
18H15	<b>Conference Close</b> – Conference Shuttle to Airport / Lisbon Centre Hotels



## Honour Committee

---

### **President of the Portuguese Republic**

Dr. Marcelo Nuno Duarte Rebelo de Sousa

### **Prime Minister**

Dr. António Luís Santos da Costa

### **Minister of the Presidency and Administrative Modernisation**

Dra. Maria Manuel Leitão Marques

### **Minister of Defence**

José Alberto Azeredo Lopes

### **Minister of Internal Affairs**

Dra. Constança Urbano de Sousa

### **Joint Chief of Staff**

General Artur Neves Pina Monteiro

### **Army Chief of Staff**

General Frederico Rovisco Duarte

### **National Security Authority**

Vice-Admiral José Torres Sobral

### **Military Academy Commander**

Lieutenant-General José António Carneiro Rodrigues da Costa

## Organizers

---

CD SDP Conference is organized by the Portuguese Ministry of Defence with support from the NATO Allied Command Transformation (ACT), CIIWA and AFCEA Portugal 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 CD SDP Conference, please contact us ([MNCDET.NATO@mail.exercito.pt](mailto:MNCDET.NATO@mail.exercito.pt)).

## Contacts

---

### **Academia Militar**

Paço da Rainha, 29

1169-203 LISBOA

Tel. 21 3186936

e-mail: [simpósio-ein@academiamilitar.pt](mailto:simpósio-ein@academiamilitar.pt)