



## “Challenging Times for National Security – Technologies for Better Cyber Defence and Battlefield Resilience”

An event organised by AFCEA Europe under the Patronage of the Defence Minister of Portugal

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### PROGRAMME

Time in Western European Summer Time (WEST - Lisbon local time)

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#### *Tuesday 1 June 2021*

- 09:00 - 09:25** **Welcome speeches**
- Major General Erich Staudacher, DEU AF (Ret.), General Manager, AFCEA Europe and Vice President EMEA, Belgium
  - Rear Admiral Mário do Carmo Durão, POR N (Ret.), President, AFCEA Portugal Chapter
- 09:25 - 09:45** **Keynote Joint Chief of Staff - “Portuguese Armed Forces in the Battlefield of Cyber”**
- Admiral António Silva Ribeiro, Chief of Defence, Portuguese Armed Forces
- 09:45 - 10:05** **Keynote - “Innovating to Counter Today’s Hybrid Threats”**
- Mr. John Sherman, Chief Information Officer, Department of Defence, USA
- 10:05 - 10:25** **Industry view/Keynote - “Deploying AI in Defense Organisations - The Value, Trends and Opportunities”**
- IBM
- Mr. Leendert van Bochoven, Global Lead for National Security and NATO, The Netherlands
  - Mr. David Zaharchuk, Research Director, IBM Institute for Business Value, USA
- 10:25 - 11:00** **BREAK**

## Session 1 “A Nation’s Cyber Defence - Never Successful Alone”

- 11:00 - 11:20** **Keynote - “Future Landscape for Cybersecurity in Portugal, as a NATO Ally and EU Member State”**  
Rear Admiral António Gameiro Marques, Director-General, National Security Authority (GNS), Portugal
- 11:20 - 11:40** **Keynote - “Hybrid Threats/Warfare: Key Characteristics, Strategic Challenges, New Developments and Implications”**  
Dr. Johann Schmid, Director Col Strategy and Defence, European Centre of Excellence, Countering Hybrid Threats, Finland
- 11:40 - 12:40** **Panel One:  
“New approaches/strategies in Cyber Security (post-Covid-19)”**  
Moderator: Colonel Jaak Tarien, Director, NATO Cooperative Cyber Defence Centre of Excellence (CCDCOE), Estonia
- Brigadier General Armin Fleischmann, Cyber and Information Domain Command, Head of the Planning Department, Bundeswehr, Germany
  - Mr. Jeffrey Phelan, CTO, Rubrik Public Sector, USA
  - Mr. Gurvais Grigg, Global Public Sector CTO, Chainalysis, USA
- 12:40 - 14:00** **BREAK**
- 14:00 - 14:20** **Presentation of the PESCO Project “Cyber Academia and Innovation Hub”**  
Major General Jorge Côrte-Real Andrade, Deputy Director of National Defence Resources Directorate, Ministry of Defence, Portugal
- 14:20 - 14:40** **Keynote - “Building a NATO Cyber Education Curriculum”**  
Dr. Garry Hargreaves, Director, NATO NCI Academy
- 14:40 - 15:00** **Presentation - “COVID-19 Impact and Solutions Towards Remote Access”**  
Brigadier General Michael Gschossmann, General Manager NATO AEW&C, Programme Management Agency (NAPMA)
- 15:00 - 15:20** **Presentation - “Secure at the Speed of Machines - Re-Think Security in Exponential Times”**  
Dr. Christoph Erdmann, Founder and Managing Director, Secusmart, Germany & SVP Blackberry Secusmart

## Session 2 “Digital Resilience on the Battlefield - It Is a Must!”

- 15:20 - 15:40** **Presentation - “The Emerging Risks of Artificial Intelligence. Addressing Readiness with a Global Mindset”**  
- Mr. Steven Lee, Senior Solutions Leader, McKinsey & Company, USA  
- Mr. Hunter Moore, Principal Reseacher, Sr. Data Scientist - Dept. of Defense Joint Artificial Intelligence Center, USA

- 15:40 - 16:00** **Keynote Speech - “Europe in an Era of Geopolitical and Technological Disruption”**  
Dr. Daniel Fiott, EU Institute for Security Studies
- 16:00 - 16:05** **CLOSING REMARKS DAY 1**
- 16:05 - 16:30** **INDUSTRY DEMOS:**  
Rotunda Solutions  
Secusmart Blackberry  
Chainanalysis
- 16:30 - 17:00** **PRIVATE SPEAKER FOLLOW-ON DISCUSSION WITH:**  
Major General Jorge Côte-Real Andrade, Deputy Director of National Defence Resources Directorate, Ministry of Defence, Portugal
- 17:00 - 17:30** **PRIVATE SPEAKER FOLLOW-ON DISCUSSION WITH:**  
Dr. Garry Hargreaves, Director, NATO NCI Academy
- 17:00 - 19:00** **MATCHMAKING APPOINTMENTS**

## **Wednesday, 2 June 2021**

- 09:00 - 09:10** **Welcome and Conference Opening Day 2**

### **Session 2 continued “Digital Resilience on the Battlefield - It Is a Must!”**

- 09:10 - 09:30** **Keynote Speech**  
Dr. João Gomes Cravinho, Minister of National Defence, Portugal
- 09:30 - 09:50** **Keynote EU Military Staff (Director EU-MS) Digital Transformation of Forces - “EU Military Vision & Strategy for Cyberspace as a Domain of Operations”**  
Brigadier General Vasil Sabinski, J6 and Director CIS&CD of the EUMS
- 09:50 - 10:10** **Industry Keynote - “Data Security in Mobile World”**  
Mr. KC Choi, B2B Global Lead, Samsung Electronics, USA
- 10:10 - 10:40** **BREAK**
- 10:40 - 11:40** **Panel Two:**  
**“Challenges of Chief Digital Officers Today - How to Proceed with the Digitisation of Forces?”**
- Moderator: Brigadier-General Martin Konertz, Director Capability, Armament and Technology, European Defence Agency
- Brigadier General Sara L. Sharkey, Head Application Services & DevOps, DEFENCE DIGITAL, Ministry of Defence, United Kingdom
  - Brigadier General João António Campos Rocha, Director of CIS, EMGFA, Portugal
  - Brigadier General Frank Pieper, Chief Digital Officer, German Army

- 11:40 - 12:00 Industry Keynote - “Enhancing Situational Awareness with 3D and AI”**  
Dr. Uwe Jasnoch, VP Business Development, Hexagon Geospatial, Germany
- 12:00 - 12:20 Industry Keynote - “Edge Computing Securely Enables Defense and National Security Missions at the Tactical Edge”**  
Mr. Cedric George, Director, AWS Department of Defense Strategic Business Development, USA
- 12:20 - 13:30 BREAK**
- 13:30 - 13:50 Presentation - “Mobile CIS in the Portuguese Army”**  
Major Vitor Manuel Roxo Vicente Custódio, Director of Communications and Information Systems (DCSI), Mobile CIS Portuguese Armed Forces
- 13:50 - 14:50 Panel Three:  
“On Resilience-Supporting Technologies//Deployable CIS solutions/  
Edge computing/Combat Cloud”**  
  
Moderator: Commodore JP Marreiros, Head of Research and Development Centre, Military University Institute (IUM), Portugal
- Mr. Francisco Nobre, Public Safety Business Development Executive, Esri European National Government Team
  - Mr. Raúl Pinto, Hardware Engineer, EID, Portugal
  - Mr. Art Wunder, Director, DoD Mission Solutions, AT&T Business - Public Sector
- 14:50 - 15:20 Closing Keynote on Joint All-Domain Command and Control and Interoperability**  
Lieutenant General, Dennis A. Crall, USA MC, J6 Joint Chief of Staff, USA
- 15:20 - 15:30 FINAL CLOSING REMARKS/FAREWELL**  
Lieutenant General Robert M. Shea, USMC (Ret.), President and CEO, AFCEA International
- 15:30 - 16:00 INDUSTRY DEMOS:**  
Samsung Electronics  
EID Portugal  
Rubrik Public Sector  
Hexagon Geospatial
- 16:30 - 18:30 MATCHMAKING APPOINTMENTS**
- 17:30 - 18:00 PRIVATE SPEAKER FOLLOW-ON DISCUSSION WITH:**  
Rear Admiral António Gameiro Marques, National Security Authority, Portugal