



“Challenging the Situational Awareness on the Sea – from Sensors to Analytics”

An event organised by AFCEA Europe with the cooperation of the AFCEA Naples and Rome Chapters and held under the patronage of the Minister of Defence, Italy.

Hilton Sorrento Palace, Sorrento, Italy

PROVISIONAL PROGRAMME

Monday, 05 November 2018

10:00 - 16:00 **REGISTRATION OPEN**

10:00 - 16:00 **EXPOSITION SET UP**

19:00 - 22:00 **CONFERENCE DINNER**

Tuesday, 06 November 2018

08:00 - 18:00 **REGISTRATION OPEN**

08:00 - 18:30 **EXHIBITION OPEN**

09:00 - 09:05 **Welcome and Conference Opening Day 1**
- Major General Erich Staudacher, DEU AF (Ret.), General Manager, AFCEA Europe

09:05 - 09:20 **Opening Address**
- Ms. Elisabetta Trenta, Minister of Defence, Italy (invited)

09:20 - 10:20 **Keynote Speeches**
Strategic Vision of the Italian Defence in the Euro-Mediterranean Region
- Lieutenant General Gianni Candotti, Head of Military Policy and Planning Division, Italian Defence General Staff

Domain Awareness - Challenges of Today, Opportunities
- Vice Admiral Eduardo Serra, Head of Logistic Command, Italian Navy

Early Recognition of Crises
- Vice Admiral Joachim Rühle, Vice Chief of Defence, German Federal Ministry of Defence



The Role of National and International Parliaments

- Ambassador Sergio Piazzi, Secretary General of the Parliamentary Assembly of the Mediterranean

10:20 - 10:50 NETWORKING COFFEE BREAK IN EXHIBIT AREA

10:50 - 11:00 HACKATHON BRIEF

PART A

11:00 - 12:10 Panel Session 1: *Seen from Above: Strategic Aspects of Situational Awareness*

Moderator: Vice Admiral Joachim Rühle, Vice Chief of Defence, German Federal Ministry of Defence

- Air Commodore John D. Maas, Senior Military Adviser, European External Action Service

Security Challenges and New Technologies: NSD-S Hub

- Brigadier General Roberto Angius, Director NATO Strategic Direction South Hub, Joint Force Command Naples, Hub, Italy

Cyber Security is “Visibly” Better

- Mr. Steve Schmalz, Global Public Sector CTO, Dell’s RSA division, USA

12:10 - 13:40 NETWORKING LUNCH IN EXHIBIT AREA

PART B

13:40 - 15:10 Panel Session 2: *Seen from Within: Operational Viewpoints/Effectiveness through Sharing the Situational Picture 5G-Connected Digital Ships and Ports*

Moderator: Professor Nicola Blefari Melazzi, National Inter-University Consortium for Telecommunications, Italy

- Rear Admiral Olivier Bodhuin, Deputy Operation Commander, EUNAVFOR MED SOPHIA

- Captain Christos Deyannis, Hellenic Armed Forces General Staff, on behalf of MARCOM, Greece

Maritime Domain Awareness and Information Sharing

- Mr. Terry Gibson, Maritime Domain Awareness Programme Manager, Navy Command Headquarters, United Kingdom

Maritime Geospatial Situational Awareness

- Mr. Giorgio Forti, Solution Architect Defense & Public Safety, Esri Italy

A Big Data Approach to Defining Maritime Patterns

- Prof. Dimitris Zissis, Head of Research, MarineTraffic

15:10 - 15:25 Keynote

Leonardo’s Experience in Maritime Surveillance

- Mr. Giuseppe Prinzivalle, Key Account, Chief Commercial Officer Italy Defence Leonardo S.p.A., Italy



15:25 - 15:55 **NETWORKING COFFEE BREAK IN EXHIBIT AREA**

15:55 - 16:10 **Keynote**

- Lieutenant General Fernando Giancotti, Operational Forces Commander, Italian Air Force

16:10 - 17:10 **Panel Session 3: Status and Prospects of Existing Governmental, EU and NATO-Projects**

Moderator: Major General Erich Staudacher, DEU AF (Ret.), General Manager, AFCEA Europe

Maritime Domain Awareness: Challenges and Opportunities

- Mr. John Stastny, Sixth Fleet, US Navy

- Brigadier General Martin Konertz, Director Capability, Armament & Technology, European Defence Agency

- Brigadier General Volker Samanns, General Manager, NATO Alliance Ground Surveillance Management Agency (NAGSMA)

Italian Navy's Approach in Building Up and Sharing MSA

- Navy Captain Francesco Marras, Maritime Operation Centre Director, CINCPNAV, Italian Navy

17:10 - 17:25 **CLOSING REMARKS DAY 1**

- Brigadier General Dario Nicoletta, ITA AF (Ret.), President, AFCEA Naples Chapter

17:25 - 18:30 **NETWORKING RECEPTION IN THE EXHIBIT AREA**

Wednesday, 07 November 2018 - Technology Day

08:30 - 16:30 **REGISTRATION OPEN**

08:30 - 16:30 **EXHIBITION OPEN**

09:15 - 09:20 **Welcome and Conference Opening Day 2**

- Lieutenant General Antonio Tangorra, ITA AF (Ret.), President, AFCEA Rome Chapter

PART C

09:20 - 10:55 **Panel Session 4: Technology Can Make It Work: Technological Aspects and Solutions**

Situational Awareness Data Dissemination Systems

Moderator: Prof. Dr. Edward W. Chandler, Former Systems Engineering Consultant, Defense Information Systems Agency (U.S. DoD) and Professor, Milwaukee School of Engineering, USA

Implementation of Technological Solutions for Maritime Surveillance

- Mr. Enrico Russo, Technical Director, Italian Space Agency, Italy

The Employment of Satellite Data for MSA Purposes

- Captain Luigi Ciani, Chief of Integration and Maritime Surveillance System Office, Navy General Staff, Italy



The Entry/Exit System - Securing Europe's "Front Door" Sustainably and Efficiently

- Mr. Lukasz Kubik M. Sc., Senior Consultant, Homeland Security Division, secunet Security Network AG, Germany

How Real-Time Location Intelligence Technology Helps Tackle Asymmetric and Diverse Threats in the Mediterranean

- Mr. Christoph De Preter, Chief Sales Officer, Hexagon, Belgium

Maritime Interception and Traffic Analysis: The Boost of Artificial Intelligence in Homeland Security

- Dr. Daniela Pistoia, Corporate Chief Scientist, ELT Group, Italy

10:55 - 11:25 NETWORKING COFFEE BREAK IN EXHIBIT AREA

11:25 - 11:40 Keynote

Technology and Cyber Security

- Dr. Engineer Paolo Satariano, Corporate Technical Director, Grimaldi Group S.p.A., Italy

11:40 - 12:55 Panel Session 5: Technological Aspects and Solutions (Big Data, Data Analytics, Cyber Aspects)

Moderator: Mr. Kevin Scheid, General Manager, NATO Communications and Information Agency

Big Data & Analytics for Situational Awareness

- Professor Antonio Picariello, University of Naples Federico II, Italy

Use of GeoSpatial Services to Provide Full Maritime Domain Situational Awareness. The Smart Eyes on SEa (SEonSE) Platform, from Imagery to full Data Analytics

- Mr. Massimo Claudio Comparini, Director Line of Business Geo Information, Telespazio, Italy

Data Science for Cyber Security

- Mr. Neil Perrin, Federal Security Engineer, Exabeam, USA

Big Data, Analytics and AI - Making It Work

- Mr. Kevin Brown, Executive Partner, IBM, Belgium

12:55 - 14:25 NETWORKING LUNCH IN EXHIBIT AREA

PART D

14:25 - 14:45 Keynote

- Mr. Piotr Malinowski, Head of Situational Awareness and Monitoring Division, FRONTEX

14:45 - 16:00 Panel Session 6: "Cyber Security Round Table - Joint Situational Awareness is Nothing without Cyber Security: Different Roles, one Unified Vision?"

Moderator: Mr. Mike Baker, Chief Information Security Officer, General Dynamics Information Technology, USA

- Brigadier General Francesco Vestito, Cyber Commander of the Joint Command for Cyber Operations, Italy



The Portuguese 4D JSA Challenge-A Common Effort

- Commodore Rui Alves Francisco, CIO, Portuguese Ministry of Defence

- Captain Spyros Papageorgiou, Cyber Director, Chief of Intelligence Branch
Hellenic Armed Forces (invited)

Politics and Democracy in the Time of Cyber War

- Mr. Pierluigi Paganini, Chief Technology Officer, CSE Cybsec Enterprise
and Consultant to the Italian Ministry of Defence, Italy

16:00 - 16:30 HACKATHON AWARDS

16:30 - 16:35 FINAL CLOSING REMARKS/FAREWELL

**Variations in timing and other changes may occur. Updates will be provided on our web site and communicated to any speakers that may be affected by the changes.*

