



INTEGRATED AIR & MISSILE DEFENCE CENTER OF EXCELLENCE
IAMD COE
SOUDA AIR FORCE BASE
73100 CHANIA
GREECE



NU 304
SUBJECT: **2nd IAMD COE ANNUAL CONFERENCE 2023 – COORDINATION LETTER**
DATE: 29 May 2023
REFERENCE: 2nd IAMD COE Annual Conference 2023 – Calling Letter

1. **Introduction:** With the document in reference, Integrated Air & Missile Defence Center of Excellence (IAMD CoE) has called for participation in its 2nd Annual Conference, which will take place at the premises of NMIOTC in Souda bay, Chania, Crete, Greece, from Tuesday 13th to Wednesday 14th of June 2023.

2. **Theme:** “Integrated Air and Missile Defence: a valuable pillar in NATO’s Deterrence and Defence”.

3. **Aim:** To draw a picture about the current Geostrategic Military Situation for Euro-Atlantic Partners. This will lead us to discuss about the new era of Threats for the Euro Atlantic area, focusing mainly on Hypersonic Weapons and Remotely Piloted Aircraft Systems (RPAS) developments, about the way NATO will meet today’s and tomorrow’s IAMD challenges and how training and Modelling & Simulation could be a visible and valuable tool for NATO’s Deterrence and Defense Posture.

4. **Schedule:** The provisional agenda is cited in Enclosure 1.

5. **Administrative details:** Administrative requirements and information are provided in Enclosure 2.

6. **Remarks:** An extension for the final day of registration has been announced until **Friday 2nd June 2023**. Additional details and updated information for the conference are available on the website of the Centre: <https://iamd-coe.org/>

7. **Points of Contact:** For further information or clarifications please contact:

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8. Thank you in advance for your support to the 2nd IAMD CoE Annual Conference, we look forward to an interesting and fruitful event.

A handwritten signature in blue ink, appearing to be 'N. Kokkonis', written over a horizontal line.

Brig. General (OF-6) Nikolaos KOKKONIS GRC (AF)
IAMD COE DIRECTOR

ENCLOSURES :

1. 2nd IAMD CoE Annual Conference Provisional Agenda
2. 2nd IAMD CoE Annual Conference Administrative Details

2nd IAMD COE ANNUAL CONFERENCE 13-14 June 2023		
Provisional Agenda		
13 June 23		
TIME (EEST)	TOPIC	SPEAKER
08:30-09:00	Registration – in processing	
09:00-09:10	Admin – Security Brief	NMIOTC admin affairs personnel
09:10-09:20	IAMD COE Welcome Address	Brig. General Nikolaos KOKKONIS GRC (AF) IAMD CoE Director
09:20-09:40	Host Nation Welcome Address	Lt General Georgios KYRIAKOU GRC (AF) CoS HNDGS
09:40-10:10	Keynote Speaker “NATO IAMD role in the overall deterrence and defence”	Mr. Bogusz MADEJ, IAMD Section, NATO International Staff, Defence Investment Division, Armament & Aerospace Capabilities Directorate (IS DI A&ACAP)
10:10-10:20	Group Photo	
10:20-10:40	Coffee Break - Networking	
10:40-12:00	SESSION 1: The Current Geostrategic Military Situation for Euro-Atlantic Partners	Moderator: Wg Cdr (Retd) Rob MUNDAY SG-265 Rapporteur
10:40-11:00	“Geostrategic Military Situation for Euro-Atlantic Partners.”	Dr. Kostantinos IFANTIS, Professor of International Relations Department Chair Dept. of International, European & Area Studies Director of the Institute of International Relations (IDIS) Panteion University of Social and Political Sciences
11:00-11:20	“The Russian-Ukrainian War: What Can We Learn about IAMD?”	Dr. Emmanouil KARAGIANNIS, Professor of International Relations Department of Balkan, Slavic and Oriental Studies, University of Macedonia
11:20-11:40	“China”	Dr. Charalampos PAPASOTIRIOU, Professor of International Relations Panteion University Member of the Board of Directors of Institute of International Relations (IDIS)
11:40-12:00	Q/A PANEL#1:	Mr. MADEJ, Dr. PAPASOTIRIOU, Dr. IFANTIS, Dr. KARAGIANNIS
12:00-13:30	Lunch Break	

13:30-15:10	SESSION 2: A new era of Threats for the Euro Atlantic area.	Moderator: Wg Cdr (Retd) Rob MUNDAY, SG-265 Rapporteur
13:30-14:00	Keynote Speaker “The rising increase of importance of unmanned systems across defense lines of effort”	Dr. Charles A. Rea, DENG, Digital Analytics Infrastructure & Technology Advancement (DAITA) Group/ Naval Air Warfare Center Aircraft Division (NAWCAD) Naval Air Systems Command (NAVAIR)
14:00-14:20	“Hybrid Threats – How they affect Integrated Air and Missile Defence (IAMD)”	Mr. Sozon A. LEVENTOPOULOS, Cpt. (Retired) GRC (A) Former IAMD CoE SME
14:20-14:40	“Overview of international hypersonic weapons programmes and potential ways to exploit physical phenomena around Hypersonic Weapons to improve surveillance capabilities	Dr. Ioannis NIKOLOS Professor, Director of the Turbomachines & Fluid Dynamics Laboratory School of Production Engineering & Management, Technical University of Crete (TUC) & Mr. Angelos KLOTHAKIS, P.H.D Candidate in TUC
14:40-15:00	“The implications of Unmanned Aircraft Systems (UAS) to IAMD”	Ltc (OF-4), Andy “WALA” BOGUSKY, USAF Chief, Air Force Doctrine Development Outreach LeMay Center, Maxwell AFB
15:00-15:10	Q/A PANEL#2:	Dr. DENG, Mr. LEVENTOPOULOS, Dr. NIKOLOS, Mr. KLOTHAKIS, LTC BOGUSKY
15:10-15:30	Coffee Break - Networking	
15:30-17:00	SESSION 3: NATO towards the future: How to meet IAMD today's and tomorrow's challenges	Moderator: Wg Cdr (Retd) Rob MUNDAY, SG-265 Rapporteur
15:30-15:50	“Countering Unmanned Aircraft Systems “On-going efforts in NATO for C-UAS”	Mr. Gabriele CASCONI, Head of CT in NATO HQ
15:50-16:10	“C-UAS GNSS Jamming”	Dr. Cristian COMMAN, (NCIA)
16:10-16:30	"ML-empowered drone passive RADAR using 5G signals"	Dr. George TZAGKARAKIS, Foundation for Research and Technology - Hellas (FORTH), Institute of Computer Science (ICS), Signal Processing Laboratory (SPL)
16:30-16:50	“Dead Drones Talking: Digital forensics considerations on the usage of C-UAS technologies.”	Mr. Evangelos MANTAS, Cyber Security Operations UAV Security Researcher - JPMorgan Chase & Co. University of Oxford
16:50-17:00	Q/A PANEL#3:	Mr. CASCONI, Dr. COMMAN, Dr. TZAGKARAKIS, Mr. MANTAS.
END OF FIRST DAY		
20:00-22:30	SOCIAL EVENT	

14 June 23		
TIME (EEST)	TOPIC	SPEAKER
08:30-09:00	Coffee - Networking	
09:00-09:30	Keynote Speaker "NATO Warfighting Capstone Concept (A vision to guide the Alliance's long-term warfare development in an IAMD perspective)"	Col (OF-5) Lisa BARTEL (US A), 10th AAMDC Deputy Commander
09:30-11:00	SESSION 3 (CONTINUED): NATO towards the future: How to meet IAMD today's and tomorrow's challenges	Moderator: Wg Cdr (Retd) Rob MUNDAY, SG-265 Rapporteur
09:30-10:00	Keynote Speaker "What has the RUS/UKR conflict taught us about IAMD, and how should it shape NATO's prepares for the future?"	Col (OF-5) Graham TAYLOR (UK A), Commander 7 (UK) Air Defence Group
10:00-10:20	21 st Century Warfare: Long Distance Fires-Are we ready to defend against it?	Maj (OF-3) Savvas ALMETIDIS GRC (AF) HNDGS / A BRANCH
10:20-10:40	"Integrated Air and Missile Defense Battle Command System (IBCS)"	Brig. Gen (Retd), Donald G. FRYC, Business Development, Defense Systems, Northrop Grumman Defense Systems
10:40-11:00	Q/A PANEL#4:	Col BARTEL, Col. TAYLOR, Maj ALMETIDIS, Brig. Gen. (Retd) FRYC
11:00-11:20	Coffee Break - Networking	
11:20-12:00	SESSION 3 (CONTINUED): NATO towards the future: How to meet IAMD today's and tomorrow's challenges	Moderator: Wg Cdr (Retd) Rob MUNDAY, SG-265 Rapporteur
11:20-11:40	"RPAS & Airspace management in NATO Single European Sky initiative- SES"	Mr. Joao CAETANO, European Defence Agency - EDA
11:40-12:00	"Civil and Military Airworthiness Regulatory Framework and Airworthiness Certification"	Maj. (OF-3) Stefanos KRYOVRYSANAKIS (GRC A), Hellenic Airworthiness Authority
12:00-13:30	Lunch Break	

13:30-14:30	SESSION 3 (CONTINUED): NATO towards the future: How to meet IAMD today's and tomorrow's challenges	Moderator: Wg Cdr (Retd) Rob MUNDAY, SG-265 Rapporteur
13:30-13:50	"Single Air Picture (SAP, UAS UTM improvement) → French Approach"	Ltc (OF-4) Lionel PENNING-REEF, (FA&SF), Air Defense and Air Operations Command.
13:50-14:10	"Space Situational Awareness"	Maj. (OF-3) Thomas BOUAZIZ (FA&SF), French Space Command
14:10-14:30	Q/A PANEL#5:	Mr. CAETANO , Maj KRYOVRYSANAKIS Ltc PENNING-REEF , Maj. BOUAZIZ
14:30-14:50	Coffee Break - Networking	
14:50-16:40	SESSION 4: How training and Modelling & Simulation could support Deterrence and Defence from an IAMD perspective?	Moderator: Wg Cdr (Retd) Rob MUNDAY, SG-265 Rapporteur
14:50-15:20	"An M&S Solution to wargame - IAMD aspects in a Virtual Environment"	Ltc (OF-4) Uwe GAERTNER (DEU A), M&S COE
15:20-15:40	"Link 22 Network Emulation for Ballistic Missile Defence"	Mr. Gabriele CASOTTO, NCIA
15:40-16:00	"Regional and Theater-wide Integrated Air and Missile Defense Modeling and Simulation"	Mr. Sidney RODRIGUES Raytheon Missiles and Defense
16:00-16:20	"How training and Modelling & Simulation could support Deterrence and Defence from an IAMD perspective?"	Mr. Stephane GIRARDEAU, THALES
16:20-16:40	Q/A PANEL#6:	Ltc GAERTNER , Mr. CASOTTO , Mr. RODRIGUES , Mr. GIRARDEAU.
16:40-16:55	Wrap Up	Moderator: Wg Cdr (Retd) Rob MUNDAY, SG-265 Rapporteur
16:55-17:00	Farewell	Brig. General Nikolaos KOKKONIS GRC (AF), IAMD CoE Director
END OF CONFERENCE		

2nd IAMD CoE Annual Conference Administrative Details

1. **Schedule:** The conference will be conducted over two days, from Tuesday 13th to Wednesday 14th of June 2023. It is advised to use Monday 12th of June 2023 (or earlier) for travelling and in processing and Thursday 14th of June 2023 (or later) as travel day. The projected schedule of the conference will be updated regularly on the IAMD CoE web page <https://iamd-coe.org/> A provisional agenda of the conference is as per Enclosure 1, while a final detailed Agenda will be issued along with the joining instructions, ten days before the event.
2. **Participants:** Registration is open to all interested participants. We anticipate for participation from NATO, Partner Nations, Military and International Organizations, Non-Governmental Organizations, CoEs, Academia and Defence Industry as well as the broader IAMD Community of Interest. Please feel free to disseminate this invitation to persons that you deem relevant and interested to attend.
3. **Classification:** The conference has no classification marking and all contents will be releasable to public. The conference will be held under the **Chatham House Rule**.
4. **Attire:** The attire for the Ice Braker event will be Civilian attire casual (jacket-no tie). The attire for the Conference (13th & 14th June) will be summer service uniform (NATO Class A) for the speakers, working dress (NATO Class B- short sleeved shirt, open neck) for the military personnel and Civilian attire casual (jacket or shirt-no tie) for the civilians.
5. **Registration:** Registration should be made through the IAMD CoE official web site <https://www.iamd-coe.org/> no later than **Friday 2nd June 2023** (later registration submissions may be accepted on an individual basis). Early registrations are very much appreciated to support our planning.
6. **Lodging and Transportation:** Attendees are responsible for the arrangement of their own accommodation and transportation from/to Chania International Airport. Taxi and public bus services are available. Transportation on the 13th & 14th June 23 to/from the NMIOTC premises, where the conference is going to take place and specified pick-up points in the city of Chania, will be provided during the conference days. Detailed joining instructions will be issued in due course and uploaded on the conference site. A list of recommended hotels in Chania city is included herein. Special prices have been negotiated for IAMD CoE's guests and will apply to participants only for direct booking with each hotel and by using the promotional codes listed below:
 - a. KYDON 4* hotel. Using the link: www.kydonhotel.com and Booking code: **IAMD-COE**, or via sending Email: info@kydonhotel.gr using the same booking code or call at tel.:+302821052280.

b. SAMARIA 4* hotel. Using the link: www.samariahotel.gr and Booking code: **IAMD**, or via sending Email: reservations@samariahotel.gr using the same booking code, or calling at tel.:+302821038600.

c. ARKADI 3*hotel. Using the link: www.arkadi-hotel.gr and Booking Code: **IAMDCOE23**, or via sending Email: info@arkadi-hotel.gr using the same booking code, or call at tel.:+302821090181.

d. KRITI 3* hotel. Using the link: www.kriti-hotel.gr and Booking Code: **IAMDCOE23**, or via sending Email: info@kriti-hotel.gr using the same booking code, or call at tel.:+302821051881.

e. PORTO VENEZIANO 3* hotel. Sending an Email: hotel@portoveneziano.gr mention the Booking Code: **IAMDCOE23**, or calling at tel.: +302821027100 referring the same booking code.

7. **Medical Service:** First aid and emergency medical support is offered by NMIOTC paramedic and local NAVAL Hospital. However, for all other situations, medical expenses must be paid by the individuals, or their insurance agencies. All participants are advised to have appropriate medical insurance.

8. **Conference fee:** The Conference fee is **110€** for each attendee. The fee should be paid by bank (credit – debit) card non later than **02 June 2023** through IAMDCOE electronic platform, in order to complete the registration process (An official receipt will be provided).

9. **Social Event:** IAMDCOE will host an Ice Braker Event, on 13th of June (20:00-22:30). Personal ID should be available for identification purposes.

10. **Visa Requirements:** Participants or their supervising authorities are responsible for visa arrangements for their personnel. It is advised that participants should contact their national embassies/consulates in Greece or the Greek Military Attachés at the Greek Embassies in their respective capitals for relevant information.