



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



NU: 436

SUBJECT: **1st IAMD COE ANNUAL CONFERENCE 2022 – COORDINATION LETTER**

DATE: 07 September 2022

REFERENCE: 1st IAMD COE Annual Conference 2022 – Calling Letter

1. **Introduction:** With the document in reference, Integrated Air & Missile Defence Center of Excellence (IAMD CoE) has called for participation in its 1st Annual Conference, which will take place at the premises of NMIOTC in Souda bay, Chania, Crete, Greece, from Thursday 29th to Friday 30th of September 2022.

2. **Theme:** “Integrated Air & Missile Defence: Challenges and Threats, Developments and Opportunities in a rapidly changing environment”.

3. **Aim:** During the 1st IAMD CoE Annual Conference 2022, it is of our intent to share views with the IAMD and international community and discuss about how new technological developments may affect Integrated Air and Missile Defence, what Opportunities they may offer, but also what might be the possible Threats and Challenges to IAMD, generated in the most complex and demanding security environment of the last decades.

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 **Tuesday 20th September 2022**. 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 1ST IAMD CoE Annual Conference, we look forward to an interesting and fruitful event, and to welcoming you to the picturesque and historical city of Chania.



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

ENCLOSURES :

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

1ST IAMD COE ANNUAL CONFERENCE 29-30 Sep 2022		
Provisional Agenda		
29 September 22		
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	TBD
09:40-10:10	Keynote Speaker “A NATO HQ policy perspective on IAMD”	Ms Radoslava STEFANOVA, Head of 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: Emerging Disruptive Threats	Moderator: LTC Wendi O. Brown Executive Officer, 405 Army Field Support Brigade - Europe and Africa
10:40-11:00	“Integrated Air & Missile Defence: Cyberspace, Hybrid, and Multi-Dimensional Security Challenges.”	Dr. Dinos Kerigan-Kyrou PhD Sen Lecturer Division of Cybersecurity Abertay University
11:00-11:30	“IAMD and Cyberspace Threats”	Mr. Sozon A. LEVENTOPOULOS Cpt. (Retired) GRC (A) Former IAMD CoE SME
11:30-11:50	Artificial Intelligence (AI) “Enhancing situational awareness through Artificial Intelligence”	Dr. Panagiotis TSAKALIDES, Professor in Computer Science at the University of Crete, Heraklion, Greece, and the Head of the Signal Processing Laboratory at FORTH-ICS.
11:50-12:00	Q/A (PANEL: Dr Kerigan/Mr. Leventopoulos/Dr. Tsakalides)	
12:00-13:30	Lunch Break	

13:30-14:20	SESSION 1 (CONTINUED): Emerging Disruptive Threats	Moderator: LTC Wendi O. Brown Executive Officer, 405 Army Field Support Brigade - Europe and Africa
13:30-13:50	"Numerical simulations of the flow around hypersonic vehicles at high altitude".	Dr. Ioannis NIKOLOS , Professor, Director of the Turbomachines & Fluid Dynamics Laboratory (TurboLab-TUC) School of Production Engineering & Management, Technical University of Crete & Mr. Agelos KLOTHAKIS P.H.D Candidate in Technical University of Crete
13:50-14:10	"EDT trends shaping the needs/requirements for future IAMD capabilities - Hypersonic Weapons"	Mr. Sozon A. LEVENTOPOULOS Cpt. (Retired) GRC (A) Former IAMD CoE SME
14:10-14:20	Q/A (PANEL: Dr Nikolos, Mr. Klothakis/Mr. Leventopoulos)	
14:20-14:40	Coffee Break - Networking	
14:40-16:20	SESSION 2: IAMD Integration / Counter Rockets – Artillery - Mortars (C-RAM)	Moderator: LTC Wendi O. Brown Executive Officer, 405 Army Field Support Brigade - Europe and Africa
14:40-15:10	"Policy challenges associated with integrating across NATO for successful multilateral IAMD operations. Have they been a lesson learned from operational deployments?"	COL Bruce Bredlow (US) (30') Deputy Commander, 10 th AAMDC Chair, NATO Panel on Air and Missile Defense
15:10-15:30	" Pursuing integration in the NATO IAMD"	LtC Panormitis-Nikolaos Demertzis HNDGS/ A4 Directorate Staff Officer
15:30-15:50	"An Introduction to the Maritime Theatre Missile Defense Forum and the Force Level Open Architecture Technical Standard"	Mr. Lex Stuart Section Head, Project Management, Assistant Deputy Minister (Defence Research and Development Canada) National Defence / Government of Canada
15:50-16:10	"C -RAM systems beyond the conventional ways of employment – utilizing the highly reactive capability in a multi-dimensional environment"	Maj. Merkourios Katsamakas GRC (A) IAMD CoE's Subject Matter Expert
16:10-16:20	Q/A (PANEL: Col. Bredlow / Ltc Demertzis/ Mr. Stuart / Maj. Katsamakas)	
END OF FIRST DAY		
20:00-22:30	SOCIAL EVENT	

30 September 22		
TIME (EEST)	TOPIC	SPEAKER
08:30-09:00	Coffee - Networking	
09:00-09:30	Keynote Speaker#1 "NATO IAMD – current and future challenges"	Mr. Livadariu Costel Liviu Deputy head of IAMD Section, NATO International Staff, Defence Investment Division, Armament & Aerospace Capabilities Directorate(IS DI A&ACAP)
09:30-10:50	SESSION 3: Countering Unmanned Aircraft Systems	Moderator Wg Cdr (Retd) Rob Munday SG-265 Rapporteur
09:30-09:50	"On-going efforts in NATO for C-UAS"	Dr. Claudio Palestini, Counter – Terrorism Section, Emerging Security Challenges Division, NATO HQ
09:50-10:10	"Pros and Cons of different C-UAS implementation solutions from the air defence perspective".	Col. Jan Farlik CZE (AF) Military University of the Czech Republic
10:10-10:30	"The NATO Mil UTM project"	Mr Roy Bookham Senior Principal Consultant, Counter-UAS Platforms Systems Division, UK Ministry of Defence
10:30-10:50	Q/A (PANEL: Dr. Palestini / Col. Farlik / Mr. Bookham)	
10:50-11:10	Coffee Break - Networking	
11:10-12:00	SESSION 3 (CONTINUED): Countering Unmanned Aircraft Systems	Moderator Wg Cdr (Retd) Rob Munday SG-265 Rapporteur
11:10-11:30	First Impressions from the NATO Counter –Unmanned Aircraft Systems (C-UAS) Technical Interoperability Exercise (TIE) 2022	Mr. Mario Behn, MSc ECE, MBA, BAss., Dipl. Ing. (FH) - NCIA DEU VNC/Principal Scientist Joint Intelligence, Surveillance and Reconnaissance
11:30-11:50	"Implementing C-Drone solution Locally [LEON AFB (LELN) Exercise 2019 Case Study]"	OF-2 Jaime LÓPEZ CERESO, ESP (AF) Security Section Head / CAOC TORREJO'N Former FP Officer for LEÓN AFB
11:50-12:00	Q/A (PANEL: Mr. Behn / Cpt. Lopez)	
12:00-13:30	Lunch Break	

13:30-14:40	SESSION 4: IAMD Education & Training Solutions - The way ahead	Moderator:Wg Cdr (Retd) Rob Munday SG-265 Rapporteur
13:30-13:50	“How can we improve individual and collective IAMD training in order to adapt to new challenges”?	Lt.C G.W.Pronk NLD (AF), JAPCC’s Subject Matter Expert for SBAD.
13:50-14:10	“New E&T opportunities for future IAMD challenges”	Maj. Peter Rabinak CZE (AF) IAMD COE’s Subject Matter Expert
14:10-14:30	“U.S. Combat Training School: Advancing small UAS training in Europe”	Dr. James C. Bailey US Air Forces Europe - Africa, Germany Combat Training School - Small Drone Program Manager
14:30-14:40	Q/A (PANEL: LtC Pronk / Maj. Rabinak / Dr. Bailey)	
14:40-15:00	Coffee Break - Networking	
15:00-16:10	SESSION 5: IAMD - Future Challenges	Moderator:Wg Cdr (Retd) Rob Munday SG-265 Rapporteur
15:00-15:20	How the Proliferation of Stealth Technology Leads to New Air Defense Challenges	Marc J. Abadie , Professor Emeritus ICGM, University of Montpellier, CNRS, ENSCM, Montpellier, France
15:20-15:40	“How space can help facilitate our work regarding IAMD”.	LtC John PATRICK , US Ramstein (AC PLN FDIR FDR BMD)
15:40-16:00	How new technologies can improve IAMD	Cpt. Mavrogiannakis IAMD CoE’s Subject Matter Expert
16:00-16:10	Q/A (PANEL: Prof. Abadie / LtC. Patrick / Cpt. Mavrogiannakis)	
16:10-16:20	Wrap Up	Moderator:Wg Cdr (Retd) Rob Munday SG-265 Rapporteur
16:20-16:30	Farewell	Brig. General Nikolaos KOKKONIS GRC (AF) IAMD CoE Director
END OF CONFERENCE		

1st IAMD CoE Annual Conference Administrative Details

1. **Schedule:** The conference will be conducted over two days, from Thursday 29th to Friday 30th of September 2022. It is advised to use Wednesday 28th of September 2022 (or earlier) for travelling and in processing and Friday 30th of September 2022 (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 Conference (29th & 30th Sep) will be summer service uniform (NATO Class A) or working dress (NATO Class B- short sleeved shirt, open neck) for the military personnel and Civilian attire suit or jacket (tie or not) for the civilians. The attire for the Ice Braker event will be Civilian attire smart casual (jacket no tie).
5. **Registration:** Registration should be made through the IAMD CoE official web site <https://www.iamd-coe.org/> no later than Tuesday 20 Sep 2022 (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 29th & 30th Sep 22 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 www.kydonhotel.com , Booking code: **IAMD-COE** via hotel's online booking platform. Email: info@kydonhotel.gr , tel.:+302821052280.
 - b. SAMARIA 4* hotel www.samariahhotel.gr , Booking code: **IAMD22** via hotel's online booking platform. Email: reservations@samariahhotel.gr , tel.:+302821038600.

- c. HYPERION CITY HOTEL 4* www.hyperioncityhotel.gr Promo code: **IAMD22** via mailing to hotel's e-mail address. Email: reservations@hyperioncityhotel.gr ,tel.:+302821055240.
- d. AKALI 4* hotel www.akali-hotel.gr , Promo. Code: IAMD22 via mailing to hotel's e-mail address. Email: info@akali-hotel.gr , tel.:+302821092872.
- e. ARKADI 3*hotel www.arkadi-hotel.gr Promo. Code: **IAMD22** via mailing to hotel's e-mail address. Email: info@arkadi-hotel.gr , tel.:+302821090181.
- f. KRITI 3* hotel www.kriti-hotel.gr , Promo. Code : **IAMD22** via mailing to hotel's e-mail address. Email: info@kriti-hotel.gr , tel.:+302821051881.
- g. PORTO VENEZIANO 3* hotel www.portovenezizno.gr , Promo. code: **IAMD22** via mailing to hotel's e-mail address. Email: hotel@portoveneziano.gr , tel.:+302821027100.

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 strongly advised to have appropriate medical insurance.

8. **Conference fee:** The Conference fee is **110€** for each attendee. The respective fee should be paid by bank (credit - debit card) in order to complete the registration process (An official receipt will be provided).

9. **Social Event:** IAMD CoE will host an Ice Braker Event, on 29th of September (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.

11. **Covid -19 Safety Measures:** From 15 March 2022 onwards, arrivals in Greece are no longer required to complete a Passenger Locator Form (PLF). Precise rules are subject to change and you should follow any instructions given on arrival at immigration or airport testing facilities. During the conference, wearing a high-protection type FFP2/KN95/N95 respirator mask is recommended, as they are associated with much higher protection from the coronavirus. For more information, or any changes that will be imposed by the Greek Authorities in relation to the limitation of the spread of the COVID-19, please refer to <https://eody.gov.gr/en/covid-19/>.