



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



NU: 452  
SUBJECT: **3<sup>rd</sup> IAMDCOE ANNUAL CONFERENCE 2024 – JOINING INSTRUCTIONS**  
DATE: 29 May 2024  
REFERENCE: a. IAMDCOE NU 131, dated 16 Feb 2024  
(3<sup>rd</sup> IAMDCOE Annual Conference 2024 – Calling Letter)  
b. IAMDCOE NU 403, dated 14 May 2024  
(3<sup>rd</sup> IAMDCOE Annual Conference 2024 – Coordination Letter)

1. **Introduction:** With the document in reference, Integrated Air & Missile Defence Center of Excellence (IAMDCoE) has called for participation in its 3<sup>rd</sup> Annual Conference, which will take place at the premises of NMIOTC in Souda bay, Chania, Crete, Greece, from Wednesday 19<sup>th</sup> to Thursday 20<sup>th</sup> of June 2024.
2. **Theme:** “Integrated Air and Missile Defence: Shaping the Operational Environment to our Advantage”.
3. **Aim:** To build a picture of the current geostrategic military situation for Euro-Atlantic Allies and Partners. This will lead us to discuss the new era of Challenges, focusing on Emerging Threats, Hypersonic Weapons, and developments in Unmanned Aerial Systems (UAS), how NATO will respond to IAMDCOE's current and future challenges, Integration and Interoperability, Effectiveness and Sustainability, as well as on Innovation, Experimentation and Wargaming.
4. **Schedule:** The Conference will run from 08:30 to 17:00 Eastern European Summer Time (EEST). The detailed schedule and the tentative Agenda of the Conference is cited in Enclosure 1 and will be available at the website of the Centre.

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

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

Officer of Primary Responsibility (OPR): Lt Col (OF-4) Dimitrios KOUTSOUKOS  
GRC (AF)

CD&E SME

Tel. +30 2821440782

NCN 302-615-4082

Email Unclass: [d.koutsoukos@iamd-coe.org](mailto:d.koutsoukos@iamd-coe.org)

Website and registration POC: Lt. (OF-1) Alexandros OMAR GRC (A)

FN Support Branch CIS & Security Specialist

Email Unclass: [events@iamd-coe.org](mailto:events@iamd-coe.org)

Tel. +30 2821440735

NCN 302-615-4035

7. Thank you in advance for your support to the 3<sup>rd</sup> IAMD CoE Annual Conference, we look forward to an interesting and fruitful event.



Brig. General (OF-6) Nikolaos Makrygiannis GRC (AF)

IAMD COE DIRECTOR

ENCLOSURES :

1. 3<sup>rd</sup> IAMD CoE Annual Conference Provisional Agenda
2. 3<sup>rd</sup> IAMD CoE Annual Conference Administrative Details
3. Chania city center Pick-up Points - Instructions for NMIO TC HQs (Venue of 3<sup>rd</sup> IAMD-COE Conference)

<b>3<sup>rd</sup> IAMD COE ANNUAL CONFERENCE 19-20 June 2024</b>		
<b>Agenda</b>		
<b>19 June 24</b>		
<b>TIME (EEST)</b>	<b>TOPIC</b>	<b>SPEAKER</b>
<b>08:30-09:00</b>	Registration – in processing	
<b>09:00-09:10</b>	Admin – Security Brief	<b>NMIOTC Admin Affairs personnel</b>
<b>09:10-09:30</b>	<b>IAMD COE Welcome Address &amp; Centre presentation</b>	<b>Brig Gen Nikolaos MAKRYGIANNIS GRC (AF)</b> IAMD CoE Director
<b>09:30-09:50</b>	<b>Host Nation Welcome Address</b>	<b>General Dimitrios CHOUPIS GRC (A)</b> Chief Of The Hellenic National Defence General Staff (HNDGS)
<b>09:50-10:10</b>	<b>Keynote Speaker</b> US Army IAMD: Integrated Fires	<b>Col Christopher HILL US (A)</b> Project Manager Integrated Fires Mission Command (IFMC) Program Executive Office - Missiles and Space (PEO-MS) US Army
<b>10:10-10:30</b>	<b>Group Photo</b>	
<b>10:30-10:50</b>	<b>Coffee Break - Networking</b>	
<b>10:50-12:00</b>	<b>SESSION#1:</b>  The current Geostrategic situation and how it affects the evolution of NATO IAMD	<b>Moderator: Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
<b>10:50-11:10</b>	How the growing strategic partnership between Russia and China is undermining the Alliance's eastward movement into the Asia-Pacific region?	<b>PhD Charalampos PAPASOTIRIOU</b> Professor of International Relations Panteion University Member of the Board of Directors of Institute of International Relations (IDIS)
<b>11:10-11:30</b>	What could be the roadmap of the necessary actions needed to act proactively and to help gradually master the art of dynamic escalation so that the Alliance can gain the operational advantage in the internationally precarious environment?	<b>PhD Konstantinos IFANTIS</b> Professor of International Relations Panteion University
<b>11:30-11:50</b>	The discovery and management of rare earths and their influence on the development of technology to support IAMD Operations	<b>Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
<b>11:50-12:00</b>	<b>Q/A PANEL#1: Col HILL, PhD PAPASOTIRIOU, PhD IFANTIS, Mr. MUNDAY</b>	

<b>12:00-13:30</b>	<b>Lunch Break</b>	
<b>13:30-15:00</b>	<b>SESSION#2 (part 1):</b> Challenges in Current & Future Operational Environment Arena	<b>Moderator: Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
<b>13:30-13:50</b>	The roadmap needed for the transformation and transition to a Multi Domain Operations (MDO) enabled Alliance. What Innovation, Experimentation and Wargaming do we need?	<b>Brig Gen (Ret.) Mr. Donald FRYC</b> NORTHROP GRUMMAN  <b>Mr. Wade MIZE</b> NORTHROP GRUMMAN Chief Engineer
<b>13:50-14:10</b>	Strengthening the Alliance Cyber Defence capabilities to protect IAMD in Current & Future Operational Arena	<b>Cpt (Ret.) Mr. Sozon A. LEVENTOPOULOS</b> Former IAMD CoE SME ZONOS – SYSTEMS Managing Director
<b>14:10-14:30</b>	The Lessons Identified and Lessons Learned from the Conflict in Ukraine under an IAMD point of view	<b>PhD Viktoriya FEDORCHAK</b> Lecturer in War Studies Air Operations Division Swedish Defence University
<b>14:30-14:50</b>	Aerial Kill Web: Distributed Drone Operations supported by Netted Drone Sensors, Mesh Drone Networks and Cluster Drone Effects	<b>Mr. Shawn JOHNSON</b> USAFE Combat Training School
<b>14:50-15:00</b>	<b>Q/A PANEL#2 (part 1):</b>	<b>Mr. Donald FRYC, Mr. MIZE, Mr. JOHNSON, Mr. LEVENTOPOULOS, PhD FEDORCHAK</b>
<b>15:00-15:20</b>	<b>Coffee Break - Networking</b>	
<b>15:20-16:50</b>	<b>SESSION#2 (part 2):</b> Challenges in Current & Future Operational Environment Arena	<b>Moderator: Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
<b>15:20-15:40</b>	Biomimetics and Unmanned Systems	<b>PhD Dimitrios TSAKIRIS</b> Foundation for Research and Technology - Hellas (FORTH), Institute of Computer Science (ICS)
<b>15:40-16:00</b>	Emerging Capabilities for small Tactical UCAVs and Loitering Munitions	<b>Brig Gen (Ret.) Mr. Fotios KAMPIOTIS</b> Spirit World Group
<b>16:00-16:20</b>	Class I C-UAS from the HQ NATO Perspective	<b>Mr. Sean BITTICK</b> NATO HQ C-UAS WG Secretary
<b>16:20-16:40</b>	Consideration of the threat from CLASS I UAS and tactics to intercept them	<b>Mr. Iain THOMSON</b> Civ UK JCO <b>Mr. Blake STONE</b> Civ US NATO HQ National Delegation (US JCO)
<b>16:40-16:50</b>	<b>Q/A PANEL#2 (part 2):</b>	<b>PhD TSAKIRIS, Mr. KAMPIOTIS, Mr. BITTICK, Mr. STONE, Mr. THOMSON</b>
<b>16:50-17:00</b>	<b>Wrap Up</b>	<b>Moderator: Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
<b>END OF FIRST DAY</b>		
<b>20:00-22:30</b>	<b>SOCIAL EVENT</b>	

**20 June 24**

<b>TIME (EEST)</b>	<b>TOPIC</b>	<b>SPEAKER</b>
<b>08:30-09:00</b>	Coffee - Networking	
<b>09:00-09:20</b>	<b>KEYNOTE</b> Challenges in the current and future Arenas operational environment and steps needed to maintain a reliable Integrated Air and Missile Defence (IAMD)	<b>Col Stuart HAY UK (A)</b> Commander of 7 <sup>th</sup> Air Defence Group British Army
<b>09:20-10:30</b>	<b>SESSION#2 (part 3):</b> Challenges in Current & Future Operational Environment Arena (IAMD CoE Projects-Studies)	<b>Moderator: Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
<b>09:20-09:40</b>	Analysis of the related Physical Phenomena and Aerodynamic Performance of Hypersonic Vehicle(s) and possible ways of exploiting those data in order to improve Surveillance Capabilities	<b>PhD Ioannis NIKOLOS,</b> Director of the Turbomachines & Fluid Dynamics Laboratory School of Production Engineering & Management, Technical University of Crete (TUC)  <b>Mr. Angelos KLOTHAKIS</b> P.h.D Candidate in TUC
<b>09:40-10:00</b>	Laminar or Turbulent? A critical assessment of the physics of endoatmospheric hypersonic flight	<b>PhD Vassilios THEOFILIS,</b> Faculty of Aeronautics and Space Engineering Technion – Israel Institute of Technology
<b>10:00-10:20</b>	Comparative Analysis of System Architectures for Passive Radars in Drone Detection. The AIRE5G Project	<b>PhD George TZAGKARAKIS</b> Foundation for Research and Technology - Hellas (FORTH), Institute of Computer Science (ICS), Signal Processing Laboratory (SPL)
<b>10:20-10:30</b>	<b>Q/A PANEL#2 (part 3):</b>	<b>Col HAY, PhD NIKOLOS, Mr. KLOTHAKIS, PhD THEOFILIS, PhD TSAGKARAKIS</b>
<b>10:30-10:50</b>	Coffee Break - Networking	
<b>10:50-12:20</b>	<b>SESSION#3:</b> Strategies for Operational Advantage in IAMD	<b>Moderator: Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
<b>10:50-11:10</b>	Discussing the Ethical and Legal implications of IAMD technologies and strategies. How can we implement the preemptive offensive option in support of IAMD operations?	<b>Dr. Sidharth KAUSHAL</b> Research Fellow, Sea Power Military Sciences Royal United Services Institute (RUSI)
<b>11:10-11:30</b>	From National Needs to Collective Strength: How the EDA Delivers UAS Solutions for European Defence that are also aligned with NATO	<b>Dr. Joao CAETANO</b> Project Officer on UAS Programmes European Defence Agency

11:30-11:50	EU's views and current efforts regarding access to and protection of the airspace	<b>Lt Col Arturo ARRIBAS SANTIAGO ESP (AF)</b> European Union Military Staff (EUMS)
11:50-12:10	How can we create the mindset and the means for military capabilities to synchronize across domains to achieve the operational advantage?	<b>Lt Col (Ret.) Mrs. Wendi O. BROWN</b> US Army Reserve
12:10-12:20	<b>Q/A PANEL#3: Dr. KAUSHAL, Dr. CAETANO, Lt Col SANTIAGO, Mrs. BROWN</b>	
12:20-13:50	<b>Lunch Break</b>	
13:50-15:50	<b>SESSION#4:</b> Advanced Technologies in IAMD	<b>Moderator: Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
13:50-14:10	The Fundamental Concepts of Modelling and Simulation in Counter-UAS	<b>Lt Col Josef CASAR,</b> Deputy Head of Air Defence Department, Czech University of Defence, Brno, Czech Republic
14:10-14:30	Automating Geographic Content; Underpinning IAMD decisions with AI and Data Fusion	<b>Mr. Richard GOODMAN</b> EMEA Defence Lead Government, Transportation & Defence Safety, Infrastructure & Geospatial division HEXAGON
14:30-14:50	Interoperability and Integration:  Multi - Mission Battery (MMB): Providing Enhanced Interoperability for the Composite Task Force	<b>Mr. Will STRAUSS</b> RAYTHEON Technology Director for the Short and Medium Range Ground Based Air Defense (SMGBAD)
14:50-15:10	NSPA Modular Ground-Based Air Defence High Visibility Project	<b>Mr. Emmanuel D'ALMEIDA</b> NSPA Modular GBAD Principal Project Officer
15:10-15:30	Effects as a Service for IAMD	<b>Mr. Niclas COLLIANDER</b> METREA Managing Director of Simulations <b>Mr. Trevor LENT</b> METREA Mission Data Solution Development Head
15:30-15:40	<b>Q/A PANEL#4: Lt Col CASAR, Mr. GOODMAN, Mr. WILL, Mr. D'ALMEIDA, Mr. COLLIANDER, Mr. LENT</b>	
15:40-16:00	<b>Coffee Break - Networking</b>	
16:00-16:10	<b>Wrap Up</b>	<b>Moderator: Wg Cdr (Ret.) Mr. Rob MUNDAY</b> NIAG SG-288 & 290 Rapporteur
16:10-16:20	<b>Farewell</b>	<b>Brig Gen Nikolaos MAKRYGIANNIS GR (AF)</b> IAMD CoE Director
<b>END OF CONFERENCE</b>		

### **3<sup>rd</sup> IAMD CoE Annual Conference Administrative Details**

1. **Schedule:** The conference will be conducted over two days, from Wednesday 19<sup>th</sup> to Thursday 20<sup>th</sup> of June 2024. It is advised to use Tuesday 18<sup>th</sup> of June 2024 (or earlier) for travelling and in processing and Friday 21<sup>st</sup> of June 2024 (or later) as travel days. 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 (19<sup>th</sup> & 20<sup>th</sup> of June 2024) 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 7<sup>th</sup> 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 19<sup>th</sup> & 20<sup>th</sup> of June 2024 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 IAMDCoE's guests and will apply to participants only for direct booking with each hotel and by using the promotional codes listed below:

a. The CHANIA Hotel 5\*. Use the link: [www.thechaniahotel.com](http://www.thechaniahotel.com) and Booking code: **IAMDCOE24** or send Email: [reservations@thechaniahotel.com](mailto:reservations@thechaniahotel.com) using the same booking code or call at tel.: +30 28210 90002 / +30 28210 90003.

b. KYDON 4\* hotel. Use the link: [www.kydonhotel.com](http://www.kydonhotel.com) and Booking code: **IAMDCOE24**, or send Email: [info@kydonhotel.gr](mailto:info@kydonhotel.gr) using the same booking code or call at tel.:+302821052280.

c. SAMARIA 4\* hotel. Use the link: [www.samariahhotel.gr](http://www.samariahhotel.gr) and Booking code: **IAMDCOE24**, or via sending Email: [reservations@samariahhotel.gr](mailto:reservations@samariahhotel.gr) using the same booking code, or call at tel.:+302821038600.

d. ARKADI 3\* hotel. Use the link: [www.arkadi-hotel.gr](http://www.arkadi-hotel.gr) and Booking Code: **IAMDCOE24**, or send Email: [info@arkadi-hotel.gr](mailto:info@arkadi-hotel.gr) using the same booking code, or call at tel.:+302821090181.

e. KRITI 3\* hotel. Use the link: [www.kriti-hotel.gr](http://www.kriti-hotel.gr) and Booking Code: **IAMDCOE24**, or send Email: [info@kriti-hotel.gr](mailto:info@kriti-hotel.gr) using the same booking code, or call at tel.:+302821051881.

f. PORTO VENEZIANO 3\* hotel. Send an Email: [hotel@portoveneziano.gr](mailto:hotel@portoveneziano.gr) mentioning the Booking Code: **IAMDCOE24**, or call tel.: +302821027100.

g. CIVITEL AKALI 4\* hotel. Send an Email: <https://www.akali-hotel.gr/el/> mentioning the Booking Code: **IAMDCOE24**, or call tel.: +302821092872 referring the same booking code.



## 7. **Transportation:**

Participants are responsible for their own transportation from/to the Airport during arrival and departure day. Participants should plan to fly to Chania International Airport (airport code: CHQ). IAMD CoE will provide transportation only from / to specific pick-up points. Transportation from these points in Chania city center to NMIOTC's premises and vice-versa (see detailed map as per Enclosure 3), will be provided by IAMD CoE the days of the conference. Pick-up Points are as follows:

- (1) AKALI hotel, 1<sup>st</sup> pick-up point, at 07:30.
- (2) SAMARIA hotel, 2<sup>nd</sup> pick-up point, at 07:45 (bus will stop across).
- (3) KYDON hotel, 3<sup>rd</sup> pick-up point, at 07:30.
- (4) KRITI hotel, 4<sup>rd</sup> pick-up point, at 07:45.

a. Transportation means from Chania Airport to Chania city center are available as follows:

- (1) Bus: The bus stop is outside the terminal and the ticket costs 2,50€, For further information and detailed timetables check <https://www.e-ktel.com/en>
- (2) Taxi from the airport directly to Chania city center, 24 hours/day, 25,00€ (approx).

Participants using their own transportation means, are advised to be at NMIOTC daily no later than 08:15 (plan for a 30-minute drive from the city center). The destination in Google maps is "NATO MARITIME INTERDICTION CENTRE", while the coordinates for GPS is: 35°29'59.2"N 24°09'17.0"E".

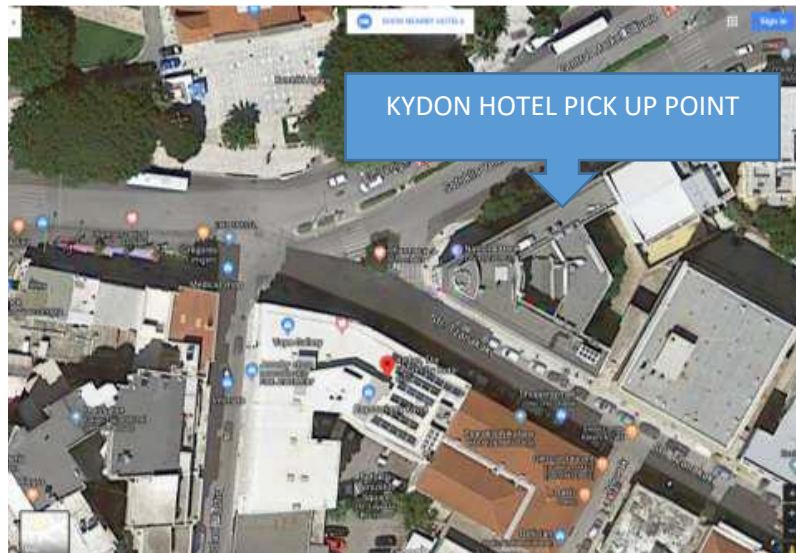
8. **Medical Service:** First aid and emergency medical support is offered by NMIOTC paramedic and local NAVAL Hospital. However, for all other situations, medical expenses must be paid by the individuals, or their insurance agencies. All participants are strongly advised to have appropriate medical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

9. **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).
10. **Social Event:** IAMD CoE will host an Ice Braker Event, on 19<sup>th</sup> of June (20:00-22:30). The event is going to be held at Chania, Mikis Theodorakis Theatre, Katechaki Square Old Port of Chania. Personal ID should be available for identification purposes. The attire for the Ice Braker event will be Civilian attire casual (jacket-no tie).
11. **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.
12. **Badging process:** A welcome package that includes security badge and all the necessary information will be delivered to the participants upon their arrival to NMIOTC during the in processing. There is a strict access control to enter Marathi gate and NMIOTC building. You will be required to carry your passport or your national identification card during check in and throughout your presence in NMIOTC.

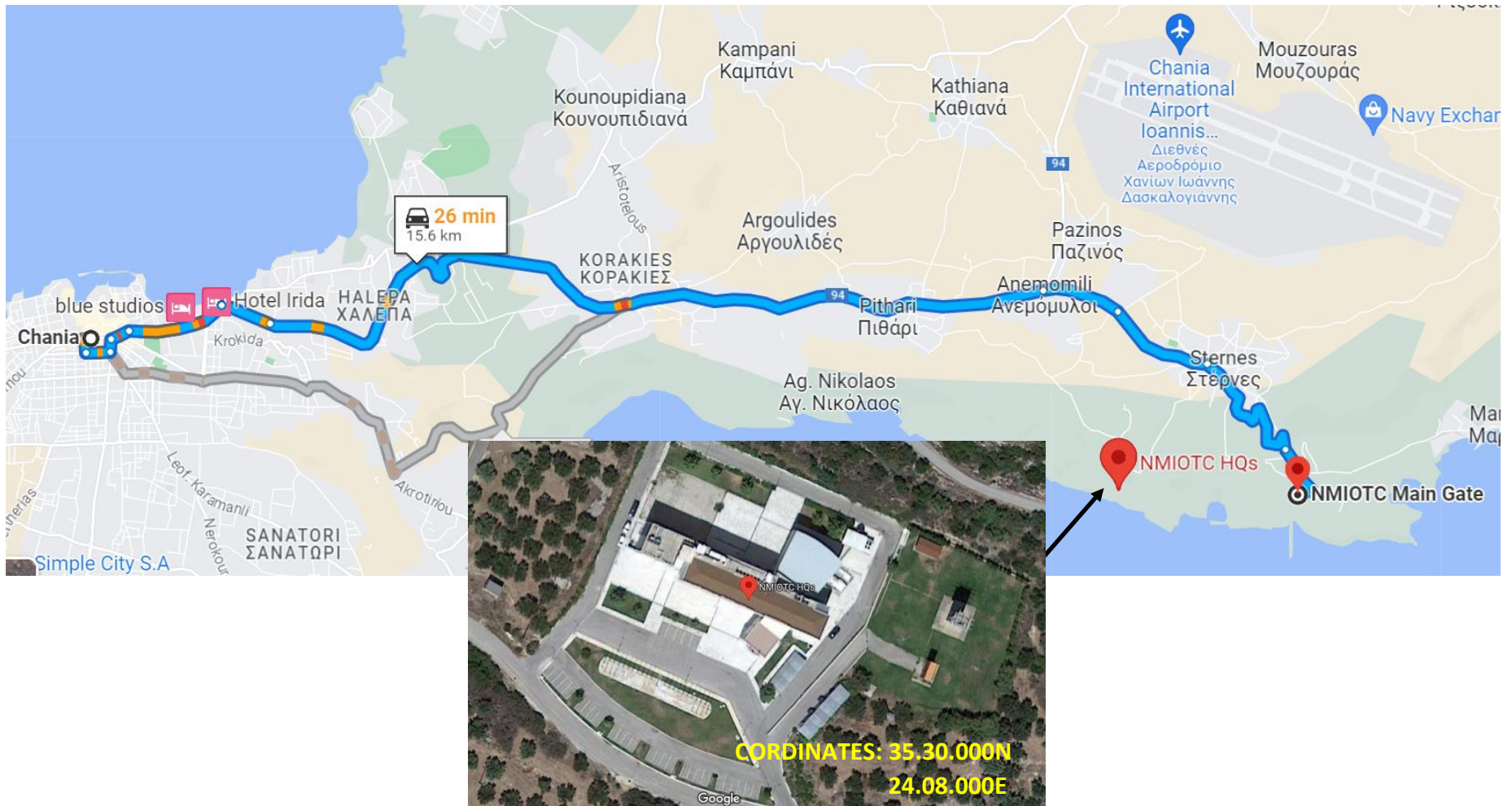
**PICK-UP POINTS IN CHANIA**











Using “Google Maps” (Mobile phone application), ask for guidance to “NMIOTC Main Gate” and follow the instructions. After getting permission to enter the NMIOTC Base follow the instructions of the Security Personnel stationed at the Main Gate. Additionally, after entering the NMIOTC Base you may choose “NMIOTC HQs” as a new destination to get to the Venue of 3<sup>rd</sup> IAMD-COE Conference.