



Association Aéronautique
et Astronautique de France

IAMID 16

CALL FOR PAPER
ABSTRACT DEADLINE
20 DECEMBER 2024

16th 3AF INTERNATIONAL CONFERENCE INTEGRATED AIR AND MISSILE DEFENCE

MAY 13-15, 2025 - THESSALONIKI, GREECE

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www.3af-integratedairmissiledefence.com



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IAMD16 OBJECTIVES

In the past 2 years, we have witnessed an evolution of the air and missile threats, through their use in the context of different conflicts. The combination of various threats – UAS, rockets, cruise missiles, ballistic missiles and hypersonic missiles – is a reality in Ukraine, in the Middle-East and in the Red Sea by the Houthis attacks on maritime traffic. This demonstrates the reality of high intensity scenarios where sophisticated weapons are operated together with more widespread civil and military technologies used in a very pragmatic and practical manner.

Outside conflicts, demonstration of force with ballistic, hypersonic or cruise missiles and UAS continue in different areas of the planet, with a strong increase in the past 4 years.

It is now clear that air and missile defence must be integrated and that quantity, accuracy, and adaptability are key requirements for defence architectures. Fighters and SBAMD in the land and sea domains need to combine their forces (Rational Surface Based Missile Defence includes the former GBAD and NBAD) to enhance collaborative defence, scale up AI based networked sensors capacities, increase fire power, increase flight domain and smart manoeuvrability of effectors, to face an enemy that can also mix fighters with missiles and UAS to adapt its tactics and saturate defences.

Linked to these developments, the air and missile defence landscape is changing with the emergence of new industrial and state actors.



The 16th 3AF Integrated Air and Missile Defence conference will take place in Thessaloniki (GREECE) from May 13 to 15, 2025.

The air and missile defence community, policy makers, warfighters, procurement agencies and industry, has therefore an increasingly difficult challenge to anticipate likely evolutions and adapt as fast as possible to the current and evolving threat.

Industry and stake holders have to be inventive, propose fast evolutions of systems while looking to the longer term. The answer to the threat is not a unique and performant effector, or sensor or C2 ... but the integration or interoperability of systems. Building blocks are being developed by Nations, on their own, in bilateral or multilateral cooperation, within NATO and the EU or through ad hoc initiatives. International cooperation is indeed key to address the technical, operational and budget challenges.

The 3AF Integrated Air and Missile Defence conference continues to support these efforts, providing a stage to share and promote collective technical, policy, and operational vision.

The conference will host a mix of technical and non-technical sessions, presenting contributed and invited papers to discuss Integrated Air and Missile Defence challenges. VIPs will provide unique insights into IAMD policies and priorities, many existing IAMD programs will provide a status update, and specific plenary sessions will focus on some of the hot topics for the community. Supported by industry, the conference includes an exhibition where companies can display their systems and technologies.

It is a sound opportunity to meet customers, suppliers and decision-makers, to exchange facts and opinions, to initiate and develop business and to listen to papers presented by world experts meeting face to face on IAMD challenges.

We sincerely hope to see you again in May 2025 to continue our fruitful discussions.

Yours Faithfully,

Yannick DEVOUASSOUX, Luc DINI and Pierre ROTY - IAMD16 Programme Committee co-chairs

CALL FOR PAPERS

IAMD16 TOPICS

We invite the submission of quality papers on the topics listed below:

1. Air & Missile Threat :
ballistic, hypersonic, cruise missile, UAS, RAM...
2. International & National Programs
(including NATO BMD, NATO IAMD, EU and others)
3. Defence Architectures & Integration of Air
and Missile Defence
4. Command and Control – C2, combat cloud
5. Sensor systems & Sensor networks, including Space
6. Interceptors & Weapons Systems and Technologies
7. Testing, Targets & Demonstration Programs
8. Modelling & Simulation
9. Lethality & Limiting the consequences of intercept
10. Disruptive approaches
11. CRAM, Counter UAV, Short Range Air Missile Defence
12. Directed Energy Weapons
13. Space Security & Defence
14. SBAMD (Ground and Naval Based Air Missile Defence)

ADVICE TO AUTHORS

- The selected papers will be presented in a 20 minutes speech at the Conference (included 5 minutes for Q&A).
- An abstract will be selected based on the importance and originality of the subject addressed, on its relevance to the conference theme, on the clarity of its expression.
- The abstract should be a “stand alone” summary that can be used in the compilation of abstracts.
- The abstract should summarize the main objectives of the paper to be presented and outline its conclusions. It should give the Programme Committee sufficient insight on the paper to be presented at the Conference and enable the selection for oral presentation.
- Work that has been presented elsewhere, and has not been updated, will be considered inappropriate.
- Please note that the Conference official language is English. All documents must be in English.
- Notification by the Programme Committee will be accompanied by detailed instructions allowing authors to prepare and make the online submission of their full paper.
- Failure to comply with the deadlines and instructions required will entail not having the paper selected and included in the conference proceedings.
- All accepted and presented communications will be published in the online proceedings only available for Conference delegates. The submitted papers must be unclassified.

KEY DATES FOR IAMD16 CONFERENCE

Deadline for abstracts submission	20 December 2024
Notification of Acceptance to Authors	06 February 2025
Online registration opening	06 February 2025
Preliminary Programme	20 February 2025
Deadline for full papers and/or confirmation of participation	12 April 2025*
Deadline registration	06 May 2025
IAMD2023 Conference	13-15 May 2025

**Note: Failure to meet deadline will result in the automatic removal of paper from programme. Full speaker registration fees are due from confirmation on.*

Authors are required to register and settle registration fees prior to the Conference.

**The abstract should be submitted on
www.3af-integratedairmissiledefence.com
before 20 December 2024**

IAMD16 CONFERENCE VENUE

The 16th 3AF International Conference on Integrated Air and Missile Defence will be held at:

THE MET HOTEL, 48, 26 Oktovriou Str. 546 27 Thessaloniki – GREECE

GENERAL INFORMATION

Thessaloniki, the dynamic economic and cultural capital of northern Greece and the second largest city in the country (the agglomeration is close to 800,000 inhabitants), is a city apart in Greece. Located in Macedonia, 500km north of Athens, on the shores of the Thermaic Gulf, it is a cosmopolitan city and a cultural melting pot that keeps the traces of all those who have passed through here on every street corner: Romans, Jews, Ottomans, Greek Orthodox, exiles from Asia Minor or the Balkans, travellers, merchants... and who have shaped the city.

In the vibrant city of Thessaloniki, where art and history constantly inspire an avant-garde business culture, THE MET HOTEL, a prominent member of Design Hotels, offers discerning travelers, whether traveling for business or pleasure, a sophisticated and inspiring metropolitan experience.



Its convenient location, in the New Port area, one of the city's liveliest districts, and a short distance from the city centre which is full of monuments, THE MET HOTEL is the ideal choice that offers luxury stays, gourmet dining, state-of-the-art conference facilities and a next-level spa & rejuvenation centre, all framed by outstanding services and attention to detail. During your stay, the hotel's mini-bus is at your disposal for your transfers, at no extra charge, to the central square, Aristotle and vice versa.

IAMD16 SECRETARIAT

3AF – 6, Rue Galilée – 75116 PARIS – France

For any further information, feel free to contact the IAMD16 Secretariat :

Tel : +33 (0)1.56.64.12.37 – Email : iamd@3af.fr



OFFICIAL TIME

During winter time (last Sunday in October to the last Sunday in March), the official time in Thessaloniki is the Universal Time Coordinated + 2 hours (UTC+2).

The rest of the year (last Sunday in March to the last Sunday in October), summer time is in effect and the official time in Thessaloniki is Universal Time Coordinated plus three hours (UTC+3).

ACCESS – AIRPORT

Thessaloniki International Airport «Macedonia» is an airport located 13 km from Thessaloniki in the deme of Mikra, municipality of Thérmi. The airport has been operating since 1930 and is the third busiest airport in Greece, welcoming 3.9 million travelers each year. It will take around 30 minutes with taxi to reach the Conference Venue the « MET HOTEL ».

More information on the official website: <https://www.skg-airport.gr/en>

ACCOMMODATION

Early booking for the Conference is strongly recommended. Please visit www.3af-integratedairmissiledefence.com to access all the booking offers.

PARTNERSHIP & EXHIBITION

Private companies and laboratories wishing to make an impact in today's Air & Missile and Defence industry should seize this unique opportunity to communicate towards a very specialized audience, while demonstrating their know-how in a specific field of expertise and developing their professional network. For any further information on partnership and exhibition packages, please contact event@3af.fr