



Association Aéronautique
et Astronautique de France

IAMID 15

**CALL FOR PAPER
ABSTRACT DEADLINE
23 JANUARY 2023**

15th 3AF INTERNATIONAL CONFERENCE INTEGRATED AIR AND MISSILE DEFENCE

JUNE 13-15, 2023 - PORTO, PORTUGAL

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www.3af-integratedairmissiledefence.com



IAMD15 OBJECTIVES

In the past 10 years, we have witnessed a tremendous evolution of the missile and air threats, fueled by the wider availability of dual use technologies, the emergence of numerous conflicts reshaping the use of air and missile attacks, and the return of great powers competition. The war in Ukraine is confirming this trend at NATO's doorstep. Demonstration of force with ballistic, hypersonic or cruise missiles and UAS took place in different areas of the planet in the past 4 years. The need for air and missile defence is clear and urgent.

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.

20 years after the first 3AF missile defence conference, the renamed 3AF Integrated Air and Missile Defence conference continues to back these efforts, with the modest ambition of facilitating collaboration and promoting collective technical, policy, and operational progress. Most of the subjects addressed in this conference since 2004 and more than ever since 2017 are timely and deliver a clear vision of defence stakes.



The 15th 3AF Integrated Air and Missile Defence conference will take place in Porto (Portugal) from June 13 to 15, 2023.

It will be the perfect opportunity to resume the discussion on numerous air and missile defence issues, where international cooperation is key: within NATO and the EU in Europe, in bilateral or multilateral approaches in other regions of the world. We invite once again the air and missile defence community to share and discuss air and missile defence challenges around the globe, reinforce ties and explore new ideas to promote air and missile defence solutions.

The conference will host a mix of technical and non-technical sessions, presenting contributed and invited papers. 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. Sponsored by the industry, the conference includes an exhibition where companies can display their systems and technologies. It is an unrivalled 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 on IAMD challenges.

We sincerely hope to see you again in June 2023 to continue our fruitful discussions!

Yours Faithfully,

Emmanuel DELORME, Yannick DEVOUASSOUX and Luc DINI
IAMD15 Programme Committee co-chairs

CALL FOR PAPERS

IAMD15 TOPICS

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

1. Air & Missile Threat : ballistic, hypersonic, cruise, 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, GBAD & NBAD
12. Directed Energy Weapons
13. Space Security & 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 not 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 IAMD15 CONFERENCE

Deadline for abstracts submission	23 January 2023
Notification of Acceptance to Authors	24 February 2023
Online registration opening	09 March 2023
Preliminary Programme	09 March 2023
Deadline for full papers and/or confirmation of participation	12 May 2023*
Deadline registration	06 June 2023
IAMD2023 Conference	13-15 June 2023

**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 23 January 2023**

IAMD15 CONFERENCE VENUE

The 15th 3AF International Conference on Integrated Air and Missile Defence will be held at:

**Hilton Porto Gaia, Rua de Serpa Pinto 124
4400-307 Vila Nova de Gaia, Portugal**

This Conference Venue is in Gaia's historical center, in walking distance of the Douro River.

GENERAL INFORMATION

In Porto & North of Portugal, there are 2000 years of History to relive in the ancient streets, classified monuments, World Cultural Heritage Sites, and people's traditions. Easily accessible from most countries, Porto is the charming gem that will surprise everyone.

The region is crossed by the River Douro which enters Portugal between the ravines and mountains of the interior to flow through the entire World Heritage landscape where the Port and Douro wines are produced. It is from here that the wine is sent to the lodges at Vila Nova de Gaia, as the cruises touring the region make their way upriver.

Porto unfolds along the river bank and the sea shore, to reveal charming vistas, inviting esplanades and all the pleasures of the outdoors, framed by its green spaces. But setting out to discover Porto means bumping into surprise after surprise. Whilst maintaining its welcoming and conservative nature, the city is, at the same time, contemporary and creative. This can be seen in its streets, its architectures, its museums, its leisure spaces, its esplanades and its shopping areas which run from the traditional to the modern and exclusive.

Official time

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

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 Porto is Universal Time Coordinated plus one hour.



ACCOMMODATION

Early booking for the Conference is strongly recommended. Negotiated price are available at the Hilton Porto Gaia and other hotels around. Please visit www.3af-integratedairmissiledefence.com to access all the booking offers.

IAMD15 SECRETARIAT

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

For any further information, feel free to contact the IAMD15 Secretariat :

Tel : +33 (0)1.56.64.12.37 - Email : iamd2023@3af.fr - Web : www.3af-integratedairmissiledefence.com



ACCESS - TRANSPORTATION

Airplane

Porto's airport is called Francisco Sá Carneiro Airport (OPO) and is the second largest airport in Portugal by traffic; over 24 airlines serving this international airport. It is located 13 km to the north of Porto and it will take around 20 minutes with taxi to reach the Conference Venue «Hilton Porto Gaia».

More information on the official website: <https://www.aeroportoporto.pt/>

Public transportation

Porto's Metro is one of the most recent in Europe, it has 6 lines and 81 stations.

With the passage of time, trams (3 lines) in Porto have become a popular tourist attraction more than a means of transport, especially with the arrival of the underground system, buses and regional trains.

Although the local buses in Porto are sometimes the only means of transport to get to certain destinations, they make for the least appealing public transport in the city.

The most useful routes to get to Gaia from Porto city centre are: 900, 901 and 906, which depart from Trindade or 904 that leaves from Batalha and Praça de Liberdade.

You can plan your journey and access more information here:

<https://www.stcp.pt/en/itinerarium/> and <https://www.metrodoporto.pt/>

PARTNERSHIP & EXHIBITION

Any private company or laboratory wishing to make an impact in today's Missile and Defence industry should seize this unique opportunity to communicate towards a very specialized audience, while demonstrating its know-how in a specific field of expertise and developing its professional network.

For any further information on partnership and exhibition packages, please contact iamd2023.exhibition@3af.fr