

# Call for Papers

# deepstrike 2012

13TH - 15TH MARCH 2012

WORLD TRADE CENTER,  
MOLL DE BARCELONA,  
08039 BARCELONA - SPAIN

[www.deepstrike2012.com](http://www.deepstrike2012.com)

The Association Aéronautique et Astronautique de France in association with MBDA is pleased to announce the organization of

# deep strike 2012

**AN INTERNATIONAL CONFERENCE  
FOCUSING ON THE FUTURE REQUIREMENTS  
OF LONG-RANGE DEEP STRIKE WEAPON SYSTEMS**

WORLD TRADE CENTER,  
BARCELONA (SPAIN)  
13TH TO 15TH MARCH 2012

## Objectives

Strategic analysis and lessons learned from last two decades show the enduring need for nations acting on a global stage to intervene in a variety of theatres and against a variety of opponents, in order to preserve free trade and access to resources, and to preserve/promote/restore good governance and stability in key regions. While these operations may be undertaken with a wide range of potential coalition partners, success in the full spectrum of intervention operations will require a continuing Deep Strike capability to provide selectable and precise effects against high operational and strategic value targets that may have very high degrees of active and passive protection.

As technologies and strategic trends develop, there may be additional payloads and effects that can be delivered by a long range capability and that could be used in a wider set of operations, particularly to exert coercion or to demonstrate intent in a complex environment taking into account the future air defence threats.

Major European nations have developed, acquired and successfully deployed Deep Strike capability demonstrating their global player role.

Sustaining such strategic advantages in a constrained budgetary environment and an evolving strategic context becomes one of European nations' major challenges. The ability to flex, modify and upgrade a capability, under sovereign control, will be paramount in responding to changing threats and retaining a strategic edge. The issue of affordability requires breakthroughs in transforming future Deep Strike and planning / building the next generation programmes.

Deep Strike 2012 will provide delegates with a unique opportunity to meet customers, suppliers and decision makers, and to hear views from various nations and industries on technology, system, programme, policy and operational issues, in an open, unclassified forum which will focus predominantly on Europe.

We look forward to meeting you in Barcelona in March 2012 and to your contribution on "Future Deep Strike Capabilities in Europe".



**Bruno ATHIEL** MBDA  
Conference Chairman

## Programme Committee Members

### Chairman :

**Bruno ATHIEL**

**MBDA**

**Pierre-Guy Amand**

**SAFRAN-SME**

**Carl Chevillon**

**RAYTHEON**

**Philippe Cassagne**

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**Jean-Marc Goujon**

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**Christophe Grandemange**

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**Jean-Vincent Legrand**

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**Stuart Mackie**

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**Claude Menessier**

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**Henri Michel**

**DASSAULT AVIATION**

**Patrick Oswald**

**CASSIDIAN**

**Jean-François Rideau**

**MICROTURBO**

**Laurent Serre**

**ONERA**

**Jan Van Hoof**

**TNO**

**Eric Ribadeau-Dumas**

**MBDA & 3AF**

# Call for papers

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

## Deep Strike 2012 Conference Future capabilities in Europe

### Topics

- ▶ **Military capabilities**
- ▶ **Concepts of Operation and doctrines**
- ▶ **Coalition and interoperability**
- ▶ **International policy, proliferation and cooperation**
- ▶ **European policy and cooperation, sovereignty**
- ▶ **Key design drivers, technical and operational break throughs , cost-capability trades-off**  
(range, velocity, multirole, manned or unmanned, penetrating or stand-off)
- ▶ **Sensor to Shooter chain**
- ▶ **Weapon systems & systems of platforms and weapons**
- ▶ **Concepts, programmes and roadmaps**
- ▶ **European industrial overview and capabilities**
- ▶ **Propulsion options and consequences on concepts and conops**
- ▶ **Payload options and versatility**
- ▶ **All weather terminal guidance and autonomous navigation systems**
- ▶ **Technologies**

### Abstract and Paper submittal Milestones:

Abstract Deadline: **16th September 2011**

Author Notification: **26th September 2011**

Preliminary Programme: **15th November 2011**

Online Registration open: **2nd December 2011**

Final Manuscript Deadline: **23rd January 2012**

Final Programme: **20th February 2012**

Authors are required to register and settle registration fees online at **www.deepstrike2012.com**

**REGISTRATION CLOSES ON 5th MARCH 2012.**

**ABSTRACT DEADLINE : 16th September 2011**

ABSTRACTS TO BE SUBMITTED ONLINE AT  
**WWW.DEEPSRIKE2012.COM**

### NO ONSITE REGISTRATION WILL BE ALLOWED

#### ADVICE TO AUTHORS

- The selected papers will be presented in a 25 minutes speech at the conference (+ 5 mins 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 be in English, and no longer than 400 words.
- The abstract should summarize the main objectives of the paper to be presented and outline its conclusions.
- Work that has been presented elsewhere, and not updated, will be considered inappropriate.
- The abstract should be submitted online at [www.deepstrike2012.com](http://www.deepstrike2012.com)

#### NOTIFICATION OF ACCEPTANCE

The Programme Committee will notify all authors of its decision in September 2011. This notification will be accompanied by detailed instructions allowing authors to prepare and send their paper to the AAAF Secretariat by 20th February 2012. Please note that failure to comply with the deadline will entail not having the manuscript included in the conference proceedings.

#### LANGUAGE

Please note that the official language for the symposium will be English. All presentations and documents must be in English.

## CONFERENCE VENUE

Deep Strike 2012 will be held in the World Trade Centre, Barcelona, Spain.

**WORLD TRADE CENTRE  
MOLL DE BARCELONA,  
08039 BARCELONA  
TELEPHONE +34 93 508 81 25  
/+34 93 508 84 47.  
FAX +34 93 508 80 75**



## REGISTRATION

All participants including Chairmen and Authors are requested to register and settle their registration fee prior to the conference. Registration is available online at [www.deepstrike2012.com/registration](http://www.deepstrike2012.com/registration) available from 2nd December 2011.

**Registration will close on 2nd March 2012**

**NO ONSITE REGISTRATION WILL BE ALLOWED**

**Registration fees:**

**Participant:** 1100.00 €  
**Speaker and/or Chairman:** 900.00 €  
**3AF Member:** 900.00 €

Registration fees include: congress session attendance, conference documentation, coffee breaks, lunches, a social event, CD of abstracts and proceedings (a CD-Rom will be sent to all DS2012 delegates) and conference report.

## SECURITY

Security checks will be organized systematically at the entrance of the conference centre. Please do not bring potentially dangerous objects. All handbags and personal belongings will be inspected upon entry to the conference centre. Security will be insured for the duration of the conference.

Furthermore, please note that always for security reasons, no registration will be allowed onsite. Online registration closes on 2nd March 2012

Please be reminded that your ID will be requested at the entrance of the conference centre, you shall not be allowed to attend the conference without valid ID.

Finally sessions are not classified, therefore authors are requested to ensure they have the appropriate clearances to present their papers.

## GENERAL INFORMATION

Situated on the coast of Spain, Barcelona is the perfect location and is only a few hours drive from southern France, the Pyrenees and northern Costa Brava.

Barcelona has increased in popularity since the early 1990s, when preparations for the 1992 Olympic Games relaunched the city, with a multi-billion-dollar building boom. Many structures were restored and new impressive buildings and landmarks created, particularly around Montjuïc, the hub of the Olympic Games. When the games finished, Barcelona was left with an entirely new harbour development. The World Trade Fairs of 1888 and 1929 also had a strong influence on the city.

Barcelona has an enormous number of sites and tourist attractions worth visiting. Top tourist attractions in Barcelona include the Parc Güell - which features some wonderful tile work by the world-famous Antoni Gaudi, Las Ramblas - Spain's most famous street, lined with trees and used by both tourist and locals, the Parc de la Ciutadella, Barcelona's favourite parks and the perfect place for relaxing in the sun, La Sagrada Família - Gaudi's towering church which has become a symbol of Barcelona, the Casa Mila - an unusual building created by Gaudi, and the Eixample - a 19th-century expansion of majestic avenues and mansions.

There are also many important museums and art galleries in Barcelona and the most popular is the Picasso Museum, which features a large collection of paintings and ceramics created by the famous artist, together with a wealth of information about Picasso's life and achievements to date.

The markets in Barcelona are equally impressive and the food markets in particular draw large crowds of both tourists and locals. Boqueria Market is an exciting food market that is situated in a cavernous iron and glass structure and is filled with the freshest produce. Street-café life is rich and in the evenings, many people sit outside in the squares and watch the world go by.

Nearby excursions include Montserrat - a town close to Barcelona with many interesting features, Tarragona - with some splendid Roman remains, such as a well-preserved amphitheatre, Sitges - a popular seaside part of the city which is frequented by many families, and Barceloneta - a busy fishing area which retains its village charm and has some of the best seafood restaurants in town.

Barcelona is without a doubt one of the most exiting cities to visit in the Mediterranean, with a history stretching back over 2,000 years, Barcelona deserves to be seen and enjoyed.

## CLIMATE

Barcelona enjoys a mild climate which is pleasant all the year round

## ACCESS

Barcelona has excellent air links, particularly with the majority of Spanish and European cities. Its international airport, located 15 minutes from the city centre, is currently undergoing expansion. As of 2008, the high-speed train connects Barcelona with Madrid and Seville, France and the European rail network.

## ACCOMMODATION

3AF has made arrangements for a block of rooms at several Barcelona hotels where rates have been especially negotiated for Deep Strike 2012 delegates. Hotels have been selected on the basis of category and distance from the conference centre (10 to 20 minutes walking distance). We strongly recommend booking your hotel early in order to benefit from these advantageous rates. Please note

these rates will be held until February 2012. Hotels list & contacts details are available on the conference website at [www.deepstrike2012.com](http://www.deepstrike2012.com)

For more information please contact

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## CONFERENCE SECRETARIAT

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