



Bulletin

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THE MSIAC SHAPED CHARGE JET WORKSHOP

Dear MSIAC Member,

MSIAC is delighted to invite you to our SHAPED CHARGE JET Workshop, which will be held 12-16 May 2014 in the prestigious ENSTA Bretagne Institute, in Brest, France. This General Information Package will give you the necessary information required to plan your participation, travel and accommodation.

This workshop will focus on developing an advanced assessment methodology for determining munition response to Shaped Charge Jet (SCJ) Attack. The intent will be to utilize the whole body of evidence approach to identify small scale testing and modeling capabilities to be used along with All-Up Round (AUR) test results in order to improve confidence in the assessment. It is proposed to also review the SCJ hazard protocol in AOP-39 to improve our knowledge of munition response mechanisms. The overarching goal of this workshop is that by developing an improved understanding of the underpinning science of munition response to SCJ, it is anticipated an improved AUR test will be developed. The output of this workshop is integrated with the objectives of the Custodial Working Group formed by AC 326 SG/B to review STANAG 4526.

This Unclassified workshop is open at no cost to Government, Industry and Academia representatives from all MSIAC member nations (and South Korea).



February 2014

CONTACT INFORMATION

☎ 32-2-707.54.16

☎ 32-2-707.53.63

🌐 <http://www.msiac.nato.int>
✉ info@msiac.nato.int

To be held 12 – 16 May, 2014 at:

ENSTA Bretagne
2, rue François Verny
29806 Brest Cedex 9
Tel: +33(0)2.98.34.88.00
Fax: +33.(0)2.98.34.88.46
www.ensta-bretagne.fr/en



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AGENDA

- Monday 12 May: Registration & Welcome Reception
- Tuesday 13 May: Registration (cont) & Plenary Presentations
- Wednesday 14 May: Break-out Sessions
SCJ Mechanisms and Detonics (Chair: Dr Ernie Baker)
Small Scale Tests and Predictors (Chair: Dr Bill Proud)
Modeling (Chair: Gert Scholtes TBC)
SCJ Test Assets and Set-up (Chair: Hervé Bernard)
Workshop Dinner
- Thursday 15 May: Break-out Sessions Recommendations/Conclusions
Drafting of Summary Conclusions/ Draft STANAG
- Friday 16 May : AC 326 SG/B Custodial Working Group Meeting
Departure at noon

A more detailed agenda will be provided to all participants at a later date.



ADMINISTRATION

Contact Details

For additional requests or questions, please contact:

Manfred Becker :
m.becker@msiac.nato.int
Tel: +32 (0)2 707 54 26

Diane Vanoverstraeten:
d.vanoverstraeten@msiac.nato.int
Tel:+32 (0)2 707 54 16

Pre-Registration

Deadline for Pre-Registration: 1 May, 2014

Please pre-register for the workshop by completing the [online Pre-Registration](https://www.msiac.nato.int/products/workshops/scj-2014-registration) form that you can find on our website <https://www.msiac.nato.int/products/workshops/scj-2014-registration>. This will assist us with planning for the workshop, and document your security details prior to your arrival the first day at the ENSTA facility.

Registration

All participants are requested to register and pick up their workshop packets in the Atrium of ENSTA's main building, preferably on Monday 12 May 2014, beginning at 17h00. For those not able to arrive in time to register on Monday, it will be possible to register on Tuesday morning in the Atrium of ENSTA's main building.

Welcome Reception & Lunches

After your registration on Monday, MSIAC will gladly welcome you at the reception in the same location, the Atrium of ENSTA's main building. Lunches during the workshop, on Tuesday, Wednesday, and Thursday, will be on site at the ENSTA cafeteria and are included at no cost for workshop attendees, provided they have pre-registered by 1 May, 2014.

Dress Code

Business casual is the requested dress code for the workshop.

Presentations

It is requested that any presentations, papers and reference materials for the workshop be provided to MSIAC by 1 May in order that they may be included in the welcome packet for each attendee. Presentations should be compatible with Microsoft Office 2010 or in PDF format. Presentations and support will be in English. There will be no interpretation/translation service provided.

Security

The Workshop will be Unclassified. You will be asked to provide a minimum of security information (Name, Date of Birth (DOB), Nationality and National ID number such as passport number) when you pre-register. This will facilitate your access the ENSTA facility and be used to create a badge prior to your arrival at the ENSTA facility. If, during the course of the workshop, facilities to support restricted or classified discussions are required, inform Manfred Becker or Diane Vanoverstraeten. They will reserve the appropriate room(s) for you at ENSTA to facilitate the exchange of information.

A request for presentations, papers and reference materials is quickly forthcoming. Please keep a look out for this announcement on the website— a specific call for papers will be also be sent to all registrants (HINT: register early!). If you wish to contribute a paper, presentation or reference document, please send a note to Manfred Becker (m.becker@msiac.nato.int).

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ACCOMODATION

Brest is a popular tourist city so it is also equipped with a large number of hotels, most of them located in the city centre and several more on the outskirts of town.

MSIAC has blocked rooms at 2 hotels:

If reserving a room at either of these hotels, we kindly ask you to do so before 12 March 2014! After this date, we will only be able to hold a limited number of rooms. However, if rooms are still available, they have agreed to offer you the MSIAC negotiated rate.

30 rooms at the 3 star hotel:

L'Amirauté Brest ***

41, rue Branda
29200 Brest

Tel.: +33 (0)2 98 80 84 00 - Fax : +33 (0)2 98 80 84 84
<http://www.oceaniahotels.com/hotel-amiraute-brest?lg=UK>

You can book your room by calling +33 (0)2 98 80 84 00 or emailing amirautebrest@oceaniahotels.com. Make sure to mention **CONFERENCE MSIAC** in order to get the negotiated price of 110€ per night, breakfast included.

30 rooms at the 4 star hotel:

Hôtel Oceania Brest ****

82 Rue de Siam,
29200 Brest

Tel.: +33 (0)2 98 80 66 66 - Fax: +33 (0)2 98 80 65 50
<http://www.oceaniahotels.com/hotel-oceania-brest-centre?lg=UK>

You can book your room by calling +33 (0)2 98 80 66 66 or emailing oceania.brest@oceaniahotels.com. Make sure to mention **CONFERENCE MSIAC** in order to get the negotiated price of 140€ per night, breakfast included.

Please be aware that Brest is a popular tourist spot and its hotels often run out of available rooms quickly during this season. There are many lodging options available at all price points through many booking options, and we can provide you with additional recommendations on request, but please do book your rooms as early as possible!

Click here to download the complete invitation in PDF from our website!

THE PM'S PERSPECTIVE

We mentioned in the last newsletter that we are increasing the technical content of the MSIAC database that secure web environment users can access. This process is well underway and users will now find that they can access and search through an additional 10,000 Unclassified/Unlimited distribution documents. This mainly includes documents from meetings and conference proceedings. Perhaps of particular note to the munition safety community are the following inclusions:

- ✦ Insensitive Munitions and Energetic Materials Technology Symposium (NDIA and IMEMG)
- ✦ Department of Defense Explosives Safety Board (DDESB)
- ✦ Parari
- ✦ UK OME symposium

We would like to extend our thanks to the organising committees and steering groups that organise the above symposia for releasing these documents. We hope that this will become an increasingly important resource for those working in the munition safety field.

We also want to encourage our members to contribute information to this effort. Hence, if you have Unclassified/Unlimited distribution documents that you are prepared to share with the munition safety community we would be happy to accept them. Also, please don't forget to include MSIAC on the distribution statement of reports whenever possible.

If you don't already have a secure web environment password you can request one by filling out the online form at:

<http://www.msiac.nato.int/access/secure-web-environment-access-request-form>

Users requesting access to MSIAC's Secure Web Environment must belong to one of its member nations, which consist of:
Australia, Belgium, Canada, Finland, France, Germany, Italy, Netherlands, Norway, Spain, Sweden, United Kingdom, United States

MSIAC has now implemented a self-service password management system allowing users to securely update their passwords and profiles without having to request assistance. This should help prevent users from becoming locked out of their accounts which we know can be very frustrating. The new service is available now at the following web location:

<https://selfservice.msiac.nato.int>

Passwords will still only be valid for 6 months and must meet the system complexity requirements. However, users will receive 3 system generated emails prior to account lockout. If you do not change your password your account will become locked and you'll be required to contact MSIAC for assistance.

A help guide is available by going to:

<http://www.msiac.nato.int/access/self-service-password-management>

MSIAC hopes that the community will appreciate these changes. As always, if you have any comments or want to provide feedback we will be happy to receive this at:

Info@msiac.nato.int



Promoting National Security Since 1919

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N MEMORIAM



It is with great sadness that we report the death of a friend and colleague **Jason Fitzgerald-Smith** who died on the 4th of February 2014 after a short illness.

Jason was the technical specialist at MSIAC on Warheads and Fuzes from 1992 to 1999. During this period he will be remembered for his work on THAMES, threat hazard assessment, STANAG 4439 and AOP-39. The concept of THAMES continues today in the Safety Assessment Software tool.

On leaving MSIAC, Jason continued to work in the munitions field as a consultant at Junghans and then at DynITEC.

Many in the community will remember Jason who was great fun to work with and to be around.

On leaving NIMIC, Jason moved to Malton in the late 1990s where he became involved in the local community. He joined the town council in 2003 and spent four years as Mayor of Malton.

Our condolences go to Penny, his long-term companion. The community will miss him greatly.



 **You can access all REPORTED ACCIDENTS via this [hyperlink!](#)**

(Re-printed on our Website with permission of ility engineering)

 **You can find the LATEST PATENTS OF INTEREST on our MSIAC Website via this [hyperlink!](#)**



*'Jason was really an impassioned expert, a true defender of the IM cause and I will never forget the good times we spent together preparing the first edition of 4439 and AOP 39. But Jason was also a very good and faithful friend and one of my best souvenirs was this day we spent at Wimbledon during the tournament, finishing ending with a good dinner at his Cavalry Club in London !' - **Patrick Lamy***



*'He always gave the impression that he could remain unaltered throughout decades because his morale, his dedication to work and his joy of living made him sort of a combination of an old-fashioned major and an enthusiastic young lieutenant, and there seemed to be no reason why this combination would not last forever' - **Marc Defourneaux***



*'I have fond memories and a few humorous ones as well of Jason during the early years of NIMIC/MSIAC. He as well as the rest of NIMIC were gracious hosts. He will be missed. Jason could tell a story like none other and certainly had a cadre of stories at his disposal. One of my favorites was his tank story from post WWII German patrols'. **Vicky Brady***

Latest Publications

(Available on the MSIAC secure web environment <https://www.msiac.nato.int/weblink/> or on request at info@msiac.nato.int)

OPEN PUBLICATION

O-155 MSIAC Safety Assessment Software (SASO)

LIMITED PUBLICATION

L-184 MSIAC IM Technology GAPS Workshop – Output & Guidelines from the Sessions II and III on Munitions in Operations

L-183 MSIAC IM Technology GAPS Workshop – Output from the Rocket Motor Technology Discussion Group

L-182 MSIAC IM Technology GAPS Workshop – Output from the Working Group on Gun Propulsion Technology

L-181 Comparison of Safety Management Systems – Interim Report

L-180 SASO User Guide

Click [here](#) to find all **PUBLICATIONS** in the Technical Reports section on our website!

