



EUROPEAN NETWORK OF
DEFENCE-RELATED REGIONS



EUROPEAN CONFERENCE ON ADVANCED MATERIALS FOR DEFENCE APPLICATIONS

PROGRAM

12–13 October 2021 • Gothenburg, Sweden



EUROPEAN NETWORK OF
DEFENCE-RELATED REGIONS



European Conference on ADVANCED MATERIALS FOR DEFENCE APPLICATIONS

TUESDAY 12TH OCTOBER

14:00–17:30 Parallel site-visits to local companies and affiliates within advanced materials

Bus One

[Graphene Flagship](#)

The Graphene Flagship, coordinated by Chalmers, involves nearly 170 academic and industrial partners in 21 European countries creating new technologies based on graphene and related materials. The project's activities span a wide range of topics from multifunctional composites to ultrafast electronics and beyond. The visit will highlight the Graphene Flagship's work and demonstrate its breakthroughs.

[Saab](#)

Saab Surveillance provides efficient solutions for safety and security, for surveillance and decision support, and for threat detection, localization, and protection. We will display and talk about our world leading microwave and antenna technology and how we implement advanced materials in the process through effective long-term product development that utilizes synergies between various product areas.

Bus Two

[Arcam EBM \(tbc\)](#)

The visit will give an overview to metal additive manufacturing developed by Arcam/GE Additive. You will see and learn about how the exciting field of additive manufacturing can be applied in industry and defense systems. Participants will receive a presentation of the technology and will be able to have a close look at the actual machines and products.

[Volvo Group \(tbc\)](#)

Bus Three

[GKN Aerospace – Global Technology Center](#)

Additive manufacturing of high temperature superalloys and titanium. Plasma sprayning of ceramic thermal barrier coatings for very high temperature aeroengine applications. Automated manufacturing of carbon fibre reinforce polymer composite aeroengine structures.

18:00 Reception at Conference Hotel

How can Advanced Materials & 3D be part of resilience after the covid-19 crisis?

Swedish Minister for Defence Mr Peter Hultqvist

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WEDNESDAY 13TH OCTOBER

09:00 Welcoming remarks

Mr Paul Anciaux, European Commission, DG DEFIS, Policy Officer Defence Industry

Mr Robert Limmergård, Swedish Security and Defence Industry Association, Secretary General

09:10 Keynote speech

The impact of advanced materials or how to form future defence

Col Rickard Stridh, Swedish Armed Forces, Chief Scientist

09:30 Session I: Funding opportunities at national and EU level

Moderator: Ms Elektra Tsigaridas, DG DEFIS, Policy Officer Defence Industry

European Defence Fund

Ms Stella Oldenburger, European Commission, DG DEFIS, Policy Officer

Horizon Europe

Mr Gustaf Winroth, European Commission DG DEFIS, Policy Officer

Strategic research planning and projects on advanced materials at the European Defence Agency

Mr Giuseppe Daquino, EDA, Project Officer Materials & Structures Technologies

Panel discussion

10:45 COFFEE BREAK

11:15 Session II: Best practices, case studies and projects on advanced materials with defence applications

Moderator: Dr Per-Olof Marklund, Saab, Head of Innovation and Technology

Multiscale carbon composites: from the nano-scale to macroscopic properties in defence applications

Mr Nuno C. Correia, INEGI, Director Composite materials and structures unit

Towards the understanding of Electro-rheological nanomaterial behaviour for defence applications

Dr Sandro Marchese Scatareggia, Signo Motus, Managing Director

How Vestlife and other advanced materials research projects are promoting the defence oriented research in RTOs: AITEX use case

Mr José Manuel Ramos, AITEX, International Project Manager

Ceramic matrix composite behavior enhancement for gas turbines hot sections

Mr Nicolas Laval, Safran, Program and Project CMC Exhaust Manager

High performance 3D components by additive manufacturing, potential for dual use

Mrs Amaya Igartua, Tekniker, Coordinator of European Action in Materials

Mr Andy Bradford, MBDA, Manufacturing Director

12:45 MINGLE LUNCHEON

13:45 Panel discussion - Exploring future pathways in advanced materials for defence applications

15:00–17:00 Organised B2Bs and networking

Date and place



Date: **12-13 October 2021**
Place: **Scandic Crown
Gothenburg, Sweden**

The venue is located in the center of Gothenburg approx. 30 km from Landvetter Airport.

To find out more about the conference venue and how to get there, [please follow this link](#):

Registration

Register by using the link

[To register as a participant or speaker, please click here](#)

[To register as a SOFF-member, please click here](#)

Participation is free of charge.

Cancellation Policy

Any cancellation must be done by email to catharina.stenius@soff.se no later than 1st October. You will be able to transfer your booking to a colleague up until 10th October.

Please note that accomodation and travels are to be booked on your own account.



Need more information?

Please contact Ms. Hanna Olofsson

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For more information please visit www.am4defence.eu