



EUROPEAN NETWORK OF  
DEFENCE-RELATED REGIONS



# EUROPEAN CONFERENCE ON ADVANCED MATERIALS FOR DEFENCE APPLICATIONS

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PROGRAM

12–13 October 2021 • Gothenburg, Sweden



EUROPEAN NETWORK OF  
DEFENCE-RELATED REGIONS



# European Conference on ADVANCED MATERIALS FOR DEFENCE APPLICATIONS

TUESDAY 12<sup>TH</sup> 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 spraying of ceramic thermal barrier coatings for very high temperature aeroengine applications. Automated manufacturing of carbon fibre reinforced polymer composite aeroengine structures.

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 13<sup>TH</sup> 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**

*Major General Michael Claesson, Swedish Armed Forces*

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

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

#### **European Defence Fund**

*Mr Erno Vandeweert, European Commission, DG DEFIS, Policy Officer Defence Research*

#### **Horizon 2020**

*Mr Achilles Stalios, European Commission DG RTD, Policy Officer Defence Industry*

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

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

#### **Rapid**

*DGA representative, France (tbc)*

#### **Panel discussion**

### 10:45 COFFEE BREAK

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

Moderator: Ms Lisa Åbom, Saab, CTO Saab Aeronautic

#### **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*

#### **SGL Composites: A R&D Supported Shift From the Textile to the Advanced Composites Sector**

*Dr Andreas Erber, SGL Carbon*

*Mr José Manuel Ramos, AITEX, International Project Manager*

*Mr Christian Stoltz, Airbus (tbc)*

*Mr Andy Bradford, MBDA, Manufacturing Director*

#### **Panel discussion**

### 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: **TO BE DECIDED**

**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](mailto:catharina.stenius@soff.se) no later than **XXX**. You will be able to transfer your booking to a colleague up until **XXX**.

Please note that accomodation and travels are to be booked on your own account. The closest hotel to the venue is [Radisson Blu Riverside Hotel, Gothenburg](#).



### Need more information?

Please contact Ms. Hanna Olofsson

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### Organised by



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