



EUROPEAN NETWORK OF  
DEFENCE-RELATED REGIONS



**SOFF**  
Swedish Security & Defence  
Industry Association

# EUROPEAN CONFERENCE ON ADVANCED MATERIALS FOR DEFENCE APPLICATIONS

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## PROGRAM

25–26 November 2020 • Gothenburg, Sweden



EUROPEAN NETWORK OF  
DEFENCE-RELATED REGIONS



# European Conference on ADVANCED MATERIALS FOR DEFENCE APPLICATIONS

WEDNESDAY 25<sup>TH</sup> NOVEMBER

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](#)

## 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.

18:30–21:00 Reception at Lindholmen Conference Center

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

*Minister for Defence Mr Peter Hultqvist (tbc)*

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## THURSDAY 26<sup>TH</sup> NOVEMBER

### 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 (tbc)*

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

Moderator: tbd

#### **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*

tbd

*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 (tbc)

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

*Mr Nuno Correia, INEGI (tbc)*

tbd

*Mr Jose Ramos, AITEX*

tbd

*Mr Christian Stoltz, Airbus (tbc)*

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

*Dr Sandro Marchese Scatareggia, Signo Motus*

tbd

*Mr Andy Bradford, MBDA, UK Manufacturing Director*

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

*Dr Andreas Erber, SGL Carbon*

#### **Panel discussion**

### 12:45 MINGLE LUNCHEON

### 13:45 Round table discussion

### 15:00–17:00 Organised B2Bs and networking

## Date and place



Date: **25-26 November 2020**

Place: **Lindholmen Conference Center  
Lindholmspiren 5, Gothenburg, Sweden**

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

[www.chalmerskonferens.se](http://www.chalmerskonferens.se)

## Registration

### Register by using the link

Participation is free of charge.

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



### Need more information?

Please contact Ms. Hanna Olofsson

E-mail: [hanna.olofsson@soff.se](mailto:hanna.olofsson@soff.se)

Phone: +46 8 782 08 75

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For more information and registration; please visit [www.am4defence.se](http://www.am4defence.se)