



German Association
for Defence Technology
Centre for Studies and Conferences

www.European-Military-AM-Symposium.eu

4th European Military Additive Manufacturing Symposium

5th and 6th April 2027 | Maritim Hotel Bonn | Germany



**Save the Date
&
Call for Papers**

Supported by:



About the Conference

Additive Manufacturing (AM) is a production method, that allows

- the greatest freedom in design even of complex structures, to manufacture complex parts and systems,
- to produce stronger structures with less weight,
- to (re)generate spare parts with almost no setup costs and in the field.

These are only some of the eye-catching opportunities and advantages AM provides - in a well proven and certified manner.

This is probably the reason why AM has been considered a a serious manufacturing technology in industry already for some time. High performance structures exposed to great stress have already found their way from prototyping into the production line of serial parts! Applications in automotive, aeronautics, medical equipment and even constructions: The list of examples is endless.

From a military perspective, AM technologies can provide operational advantages: reducing the logistical footprint, obsolescence management, and many more.

Still, military procurement has not yet benefitted from the advantages of AM in terms of provision of Spare Parts for legacy assets and future procurement from Original Equipment Manufacturers (OEM).

It is the intention of the 4th European Military Additive Manufacturing Symposium to address military requirements and challenges, while hearing perspectives from Original Equipment Manufacturers (OEM), AM Machine producers and service providers as well as researchers / academia. The aim of the Symposium is to generate a common understanding on benefits and limitations of AM and to foster sustainable cooperation among stakeholders to materialise the benefits for military applications.

In this light, **this forth edition is explicitly addressed to Armed Forces and their planning / procurement departments but also to the AM machine manufacturers and defense OEMs.**

The German Association for Defence Technology - Centre for Studies and Conferences will organise the **4th European Military Additive Manufacturing (AM) Symposium** on 5th and 6th April 2027 in Bonn, Germany to discuss the military perspective of AM. This symposium is once again supported by the European Defence Agency (EDA).

Join us!

<https://www.european-military-am-symposium.eu/>



Call for Papers – Topics Part 1

Papers should address one or several of the following aspects:

Operational Additive Manufacturing in Contested Environments “From Laboratory to Battlefield”

Potential topics:

- Deployed manufacturing in operational theatres
- Expeditionary AM systems
- Mobile and containerised production units
- Lessons learned from current conflicts
- Force protection through local production

Defence Readiness Through Distributed Manufacturing “Building Resilient Military Supply Networks”

Potential topics:

- Distributed production networks
- Reducing dependency on vulnerable supply chains
- Obsolescence management
- Surge production capabilities
- NATO and EU interoperability

Qualification, Certification & Trust in Military AM “From Prototype to Mission-Critical Part”

Potential topics:

- Airworthiness
- Naval certification
- Medical device qualification
- Digital certification methods
- Verification and validation frameworks
- Standards harmonisation across Europe
- Intellectual property rights/ Patent rights
- Contracting

AI-Driven Defence Manufacturing “The Next Generation of Military AM”

Potential topics:

- Generative design
- AI-supported process optimisation
- Predictive quality assurance
- Autonomous AM production cells
- AI-assisted reverse engineering

Secure Digital Manufacturing Ecosystems “Protecting Defence Data Across the Digital Thread”

Potential topics:

- Cybersecurity of AM systems
- Secure file sharing
- Blockchain-enabled traceability
- Digital twins
- Intellectual property protection
- Zero-trust manufacturing architectures

Advanced Materials for Defence Applications “Beyond Conventional Metal and Polymer Printing”

Potential topics:

- High-performance materials
- Multi-material AM
- Functionally graded materials
- Ceramics and composites
- Energetic and protective materials
- Printed electronics and sensors
- Concrete and organic materials



Call for Papers – Topics Part 2

Additive Manufacturing for Autonomous Systems “Enabling the Future Force”

Potential topics:

- UAV and UxV components
- Lightweight structures
- Rapid redesign cycles
- Swarm-enabling production concepts
- Embedded electronics

Additive Manufacturing for Space and Near-Space “AM evolving the Space Domain”

Potential topics:

- Satellite components
- In-space manufacturing
- Space logistics
- Dual-use applications
- Launch system components

Circular Defence Manufacturing “From End-of-Life Assets to New Capability”

Potential topics:

- Recycling military equipment into AM feedstock
- Recovery of critical raw materials
- Sustainable feedstock production
- Battlefield material recovery concepts
- Environmental footprint reduction

Human Factors, Skills & Organisational Transformation “Making AM a commonly used technology”

Potential topics:

- Education and workforce development
- Operator qualification
- Human-machine interaction
- Doctrine and concepts of operation
- Training and simulation

Strategic European Cooperation in Defence AM “Commonly aiming one goal”

Potential topics:

- EDA initiatives
- EDF-funded projects
- Joint procurement
- Cross-border production networks
- Common standards and qualification approaches

Future Concepts and Disruptive Innovation “What Comes Next?”

Potential topics:

- Self-healing materials
- Hybrid manufacturing
- Autonomous factories
- In-field material synthesis
- Quantum-enabled design and simulation
- Emerging defence applications

What else?

Contributions beyond the topics listed above are welcome, provided you give us a short explanation, why your topic is important for our conference.



Call for Papers

All aspects shall be discussed with an emphasis on military applications and needs.

With this Call for Papers, you are invited to submit your proposal for a lecture in English language (max 250 words)

not later than 02nd December 2026 at:

[Submission of Abstracts | Die Deutsche Gesellschaft für Wehrtechnik e.V](#)

The program committee will review all the proposals and authors will be notified in January 2027. The committee reserves the right to decide whether a lecture is held in the plenum, in expert panels or in the form of a poster session.

Speakers from Cat A (Public Services) are free of charge, speakers from Cat B (Research) and C (Industries) receive a 50% discount on the conference fee.

If you are interested in an exhibition stand, please contact
stephan.bruess@dwt-sgw.de

Further information, registration for participants and exhibitors is available at: www.European-Military-AM-Symposium.eu



Pricing for Visitors

The conference is open for members of the armed forces, the civil service, parliaments and ministries, embassies, academia and business from EU & NATO member states⁽¹⁾. Prices for your attendance:

- Category A:** € 85.00
From EU & NATO member states⁽¹⁾: Armed forces, public authorities, emergency services, ministries, agencies subordinate to ministries, parliaments, embassies and EU institutions and agencies.
- Category B:** € 306.00 (until 20.01.2027) / € 340.00 (from 21.01.2027)
Research institutions / universities, companies affiliated with the Federal Republic of Germany (BWL, BwBM, HIL, BwFPS, BwConsulting), 100% German-state-owned companies and persons who cannot be assigned to categories A, C or D.
- Category C:** € 981.00 € (until 20.01.2027) / € 1,090.00 (from 21.01.2027)
Business / Industry
- Category D:** € 0.00
Press

Discounts for early registration (Cat B / C: 10% Early Bird Discount until 21.01.2027), 50% for speakers from Category B / C, 100% for speakers from Category A will be considered in the online booking process. Discount for exhibitors: See below. Prices for participation on individual days will be displayed / taken into account in the booking process on our homepage. Catering services during the conference hours are included in all rates.

Please register online: <https://www.european-military-am-symposium.eu/>

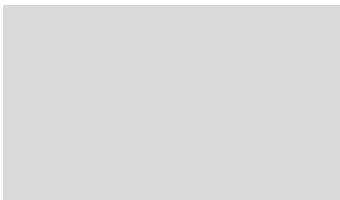
The conference is open for members of the armed forces, the civil service, parliaments and ministries, embassies, academia and business from EU & NATO member states⁽¹⁾.
Catering / drinks are included in the conference fees. **The prices do not include VAT.**

With your registration you agree:

- (1) Participation is open to citizens of EU member states, NATO member states, Israel, Switzerland and Ukraine. Participants from countries not listed may attend only with the prior consent of the organiser. Please direct enquiries to andreas.hornik@dwt-sgw.de
- (2) The electronic storage of the data you provide.
- (3) That photos and/or film recordings may be made during the event, e.g. for reporting purposes or for publication in invitations to future DWT/SGW events.
- (4) The distribution of a list of participants (name / function / company or office) and the photos taken during the event to the participants.
- (5) With your registration/signature, you accept the conditions of participation of this invitation, the General Terms and Conditions and the Data Protection Agreement of the DWT Study Association, which can be viewed at www.dwt-sgw.de.
- (6) If necessary, please exercise your right of objection in accordance with the GDPR by sending an e-mail to info@dwt-sgw.de
- (7) Cancellation conditions: Cancellations are free of charge for participants up to 5 working days before the conference; after that, a 100% cancellation fee applies; a replacement participant can be named at any time. Exhibitors may cancel free of charge up to five weeks before the event; after that, a 50% cancellation fee applies.
- (8) If an event is cancelled for unforeseeable reasons, registered participants and exhibitors will be notified immediately and any participation and exhibition fees already paid will be refunded. The liability of the German Association for Defence Technology Center for Studies and Conferences (Studiengesellschaft der DWT) is limited to the participation and exhibitor fees.

Pricing for Exhibitors

Option A | 390,- Euro per m² Exhibition Space



Option A includes

- Stand space in the desired size
- Row / corner / island stand
- **1 full ticket per 6 m²**
- discount on additional tickets / tickets without participation in the presentations ("stand service")
- Security at night

Option B | 520,- Euro per m² System Booth



Option B includes

- Option A
- Octanorm-System-Stand
- Carpet „Expo Rips“ grey
- Booth cleaning at night
- Inserts to the visitor information

Option C | 620,- Euro per m² System Booth with furniture



Option C includes

- Option B
- Illumination of the booth
- Frontbanner 200 x 50 cm
- Furniture of your choice
- Sideboards, counters, leaflet stands
- Lockable cubicle (if required)
- A choice of 20 carpet colours

Option D | 730,- Euro per m² Individual Booth Concept



Option D includes

- Option C
- Premium booth construction, e.g. featuring:
 - Smooth-surface timber system
 - Printed tension frames
 - Truss structure
- Presentation technology (TV, projector, etc.)
- Graphics and border printing
- Choice of laminate, parquet or carpet

Startup-Corner | 1.240,00,- Euro Startup-Stand



Startup-Booth includes

- Stand area: 100 x 200 cm
- Printed back panel: 100 x 250 cm
- Lighting, sideboard, bar stools, power supply
- 1 full-price admission ticket

For start-ups only. We reserve the right to request appropriate proof of 'start-up status'.

Organisation:

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