

The must-attend B2B event dedicated to additive manufacturing in aeronautics and space

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# PRELIMINARY CONFERENCE PROGRAM

**SEPTEMBER** 

24-25.2025

TOULOUSE

#### Wednesday, September 24, 2025

Hall 4, MEETT Exhibition Center, Toulouse, France



#### 9h20-10h20 : PANEL 1 - How are OEMs integrating additive manufacturing into their processes?

Explores successful OEM applications of AM from design to production, with insights into current needs and future expectations :

- What have system manufacturers learned from using additive manufacturing? Highlights system manufacturers' experiences, addressing challenges and technical achievements in AM implementation.
- How is additive manufacturing benefiting aircraft manufacturers? Focuses on specific benefits for aircraft makers, including performance, design freedom, and cost savings.

### **10h20-10h35** : PRESENTATION 1 - Additive manufacturing is applied to non-structural items like heat exchangers

Case studies on heat exchangers showing the potential for lightweighting, improved thermal performance, and part consolidation.

## **10h35-10h50** : PRESENTATION 2 - Satellite and space launcher manufacturers leveraging additive manufacturing

Showcases applications in space hardware where AM offers unique advantages in design complexity and weight reduction.







#### 11h20-12h20 ADDITIVE MANUFACTURING IN THE WORKSHOPS

**PANEL 2 - What challenges and opportunities do part providers face with additive manufacturing?** Insight into supply chain dynamics, qualification barriers, and the business model evolution for AM part providers :

- How is additive manufacturing adapting to changing needs and technological evolution? Analyzes the pace of AM innovation and how manufacturers align processes to meet emerging demands.
- What are the key steps from material deposition to a finished, usable part? Focuses on finishing, postprocessing, and part validation — the critical links from raw printing to functional



**13h50-14h05** : PRESENTATION 2 - Additive manufacturing is advancing the use of ceramics in aerospace and defense

Highlights cutting-edge use cases where ceramics provide unmatched heat and wear resistance for advanced components.

### **14h05-14h20** : PRESENTATION 3 – The MELD technology enhance additive manufacturing for aluminum applications

Focus on MELD's solid-state process and its applications in large-format aluminum parts. (retirer its benefits for structural integrity).

### **14h20-15h20** : PANEL 3 - What additive manufacturing innovations are emerging for aeronautics, space, and defense?

Explores recent breakthroughs and future trends that will shape AM's role in high-performance sectors : How does simulation contribute to the manufacturing process in AM? Reviews simulation tools that optimize design, predict failure, and accelerate product development in AM.







15h20-15h50

**Coffee break** 

### 15H50-16H50 ADDITIVE MANUFACTURING IN THE FIELD

### PANEL 4 - How can additive manufacturing support defense maintenance and ensure operational continuity?

Covers strategies and tools that enable AM deployment in the field to maintain and repair defense equipment swiftly:

- What are the operational needs driving the use of additive manufacturing in defense? Explores
  specific logistics and maintenance challenges as well as limitations that AM can address to boost
  mission readiness
- How is the military using additive manufacturing in real operational contexts? Presents real-life military applications of AM, emphasizing resilience and rapid prototyping on site.

16h50

Closure



