



AMMA (Additive Manufacturing for Military Applications) is an annual event organized by the Norwegian Defence Research Establishment

AMMA 2020 is the fourth year for this event. The goal is to provide a platform for the presentation of recent R&D advancements in the field of additive manufacturing and bring together professionals from the Armed Forces, governmental defence R&D, industry and academia. AMMA 2020 provides a great networking opportunity and starting point for possible future cooperations.

AMMA 2020

Additive Manufacturing for Military Applications

October 14th 2020

Agenda:

08:45 *Registration & coffee*

09:05 Welcome by AMMA representative

09:10 Conference moderator **Silvija Seres**

09:15 Opening remarks by Director General of FFI, **John-Mikal Størdal**

09:25 **Christoph Klein** and **Jannis Kranz**, Thyssenkrupp Marine Systems GmbH (GER)
«Potential and Challenges of Additive Manufacturing in Naval Shipbuilding»

10:00 **Jim Shipley**, Quintus (SWE)
«Recent Developments in Hot Isostatic Pressing (HIP) Technologies»

10:35 *Break*

10:55 **Samu Rautio** and **Jan Akmal**, Naval Academy Navy Combat Centre and Aalto university (FIN)
«Implementation of Additive Manufacturing in Finnish Defence Forces for Legacy spare parts»

11:30 **Bendik Sagsveen**, FFI (NOR)
«AM timeline at FFI»

12:00 *Lunch*

13:00 **Svein Hjelmtveit**, Fieldmade AS (NOR)
«Fieldmade Digitally Inventory»

13:35 **Romain André**, 3DS (NOR)
«Cognitive Augmented Design for Lightweight Engineering»

14:10 *Break*

14:30 **Lyle Levine**, NIST (USA)
«Supporting the simulation community with benchmark measurements for additive manufacturing of metals»

15:05 **Howard K. Marotto**, II, AM Business Director, EWI, and Colonel, United States Marine Corps Reserve (USA)
«Additive Manufacturing in the US DoD and NATO: Past, Present and Future»

15:40 *Closing remarks by Silvija Seres*