

## UMA<sup>3</sup> training and knowledge transfer activities

### Project Tasks: Complementary/transferable Skills Advanced Training

 **Place: Germany, Hamburg, ZAL – in Presents**  
**Leader: Altran (now Capgemini-Engineering),**  
**University Bologna & Fraunhofer Bremen (IFAM)**



**Training schedule: 5. & 6. June 2023,  
ZAL Hamburg/Germany**

#### Agenda:

1 Day - Session 1	“AM Experiences & Industrial Use Cases”
2 Day - Session 2	“EU Community@AM Industrial Board & Research Focus”

#### Organizational notes

- ✓ For your registration, please fill the **registration form until 25<sup>th</sup> of May 2023**
  - ✓ **google Forms Link -> <https://forms.gle/LuFqmxPN4wQQ17Gx7>**
    - ✓ The Training is free of charge.
- ✓ Travel and accommodation must be organized and paid by each participant. A daily coffee break, a daily lunch are included and the expenses are covered by Capgemini as the Host.
  - ✓ A list of recommended hotels are in the Event-Guide avis available

## SESSION 1: “AM Experiences & Industrial Use Cases”

### Trainings Session (11:00-16:20)

11:00-11:15	<b>1. ARRIVAL &amp; Welcome</b>	<b>Capgemini Engineering</b> <i>Lars Klotsche &amp; Andreas Kötter</i>
11:15 – 11:45	<b>2. Keynote @ AM inside Airbus</b> Ambitions, Goals and Achievements so far	<b>Airbus</b> <i>Dr. Domenico Furfari</i>
11:45– 12:45	<b>3. What means AM for Capgemini Engineering?</b>	<b>Capgemini Engineering</b> <i>Florin Banica</i>
12:45 – 13:30	<b>4. Lunch Break</b>	
13:30 – 14:15	<b>5. Experiences in the Frame of the Smart Sidewall project – Printed Electronics</b>	<b>Capgemini Engineering</b> <i>Hendrik Hirschfelder</i>
14:15 – 15:00	<b>6. Experiences with our Running Project iFUNK – embedded Sensors in AM Technology</b>	<b>Capgemini Engineering</b> <i>Katharina Bessler</i>
15:00 – 15:15	<b>7. Coffee Break</b>	
15:15 – 16:15	<b>8. Presentation of the UMA3 Industrial Board &amp; Information on the national clusters - Aviaspace Germany, AM Hungary &amp; Bologna’s aerospace</b>	<b>Fraunhofer Bremen IFAM</b> <i>Claus Aumund-Kopp</i>
16:15 – 16:20	<b>9. Conclusion &amp; Closing of first Day</b>	<b>Capgemini Engineering</b> <i>Lars Klotsche</i>
16:20 – 17:30	<b>10. Return to hotel</b>	<b>Individual</b>
19:00 – 22:00	<b>11. Networking and dinner together</b>	<b>All together</b>

SESSION 2: “EU Community@AM Industrial Board & Research Focus”		
Trainings Session (09:30-15:00)		
09:30 – 09:45	<b>1. Coffee &amp; Welcome Day 2</b>	<b>Capgemini Engineering</b> <i>Lars Klotsche</i>
09:45 – 10:30	<b>2. Overview of research topics and AM use cases</b>	<b>University of Bologna</b> <i>Enrico Troiani</i>
10:30 – 11:00	<b>3. Typical activities &amp; rapid prototyping approach</b>	<b>University of Bologna</b> <i>Enrico Troiani</i>
11:00 – 11:15	<b>4. Coffee Break</b>	
11:15 – 12:00	<b>5. Our experiences in Numerical Simulation, used Tools and Sensor integration</b>	<b>University of Bologna</b> <i>Enrico Troiani</i>
12:00-12:45	<b>6. Capgemini’s outlook of AM</b> Market view, demands, innovative Manufacturing Processes and new Technologies	<b>Capgemini Engineering</b> <i>Lars Klotsche</i>
12:45 – 13:30	<b>7. Lunch Break</b>	
13:30 – 14:30	<b>8. ZAL tour</b> - Current research topics at ZAL like AM printer possibilities, hydrogen research, smart technologies (Tetrabot)	<b>Capgemini Engineering</b> <i>Wael Yahyaoui &amp; Supporter</i>
14:30 – 14:45	<b>9. Conclusion &amp; Closing of Second Day</b>	<b>Capgemini Engineering</b> <i>Lars Klotsche</i>
14:45 – 15:30	<b>10. Further Networking and DEPARTURE</b>	<b>All together</b>
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