<u>UMA³ training and knowledge transfer activities</u>

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 25th 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	1. ARRIVAL & Welcome	**Capgemini Engineering** *Lars Klotsche & Andreas Kötter*
11:15 – 11:45	2. Overview of research topics and AM use cases	**University of Bologna** *Enrico Troiani*
11:45– 12:45	3. What means AM for Capgemini Engineering?	**Capgemini Engineering** *Florin Banica*
12:45 – 13:30	4. Lunch Break	
13:30 – 14:15	5. Experiences in the Frame of the Smart Sidewall project – Printed Electronics	**Capgemini Engineering** *Hendrik Hirschfelder*
14:15 – 15:00	6. Experiences with our Running Project iFUNK – embedded Sensors in AM Technology	**Capgemini Engineering** *Katharina Bessler*
15:00 – 15:15	7. Coffee Break	
15:15 – 16:15	8. Presentation of the UMA3 Industrial Board & Information on the national clusters - Aviaspace Germany, AM Hungary & Bologna's aerospace	**Fraunhofer Bremen IFAM** *Claus Aumund-Kopp*
16:15 – 16:20	9. Conclusion & Closing of first Day	**Capgemini Engineering** *Lars Klotsche*
16:20 – 17:30	10. Return to hotel	**Individual**
19:00 – 22:00	11. Networking and dinner together	**All together**

SESSION 2: "EU Community@AM Industrial Board & Research Focus"	
Trainings Session (09:30-14:15)	

Time	Topic	Speaker
09:30 – 09:45	1. **Coffee & Welcome Day 2**	**Capgemini Engineering** *Lars Klotsche*
09:45 – 10:30	2. **Research activities & rapid prototyping approach**	**University of Bologna** *Enrico Troiani*
10:30 – 11:00	3. **Capgemini's outlook of AM** Market view, demands, innovative Manufacturing Processes and new Technologies	**Capgemini Engineering** *Lars Klotsche*
11:00 – 11:15	4. **Coffee Break**	
11:15 – 12:00	5. **Numerical simulation & sensor integration for structural monitoring**	**University of Bologna** *Enrico Troiani*
12:00 – 12:45	6. **Lunch Break**	
13:00 – 14:00	7. **ZAL tour -** Current research topics at ZAL like AM printer possibilities, hydrogen research, smart technologies (Tetrabot)	**Capgemini Engineering** *Wael Yahyaoui & Supporter*
14:00 – 14:15	8. **Conclusion & Closing of Second Day**	**Capgemini Engineering** *Lars Klotsche*
14:15 – 15:00	9. **Further Networking and DEPARTURE**	**All together**