

Summer School for Advanced Additive Manufacturing: Design and Materials

Date: Thursday 29th October 2020

Venue: Online event (via Zoom)

All times given below are Greenwich Mean Time (GMT)

Agenda

- 9:00 – 9:05 GMT** Damir Godec (UNIZAG)
- Welcome: An Overview of the Increasing Excellence on Advanced Additive Manufacturing (INEX-ADAM) Project
- 9:05 – 9:50 GMT** Julia Ureña Alcazar & Mario Martínez Cenicerros (AIDIMME)
- CuCrZr material development by EBM technology: Effect of heat treatments on the materials properties - Julia Ureña Alcázar
 - Design methodology for AM and successful study cases - Mario Martínez Cenicerros
- 9:50 – 10:00 GMT** Break (10 minutes)
- 10:00 – 10:45 GMT** Axel Nordin (LTH)
- Topology optimization and Design for cost in relation to AM
- 10:45 – 11:30 GMT** Joamin Gonzalez-Gutierrez (MUL)
- Development of highly-filled thermoplastics for the material extrusion additive manufacturing of metals and ceramics
- 11:30 – 12:00 GMT** Lunch (30 minutes)
- 12:00 – 12:45 GMT** Israt Kabir & Eujin Pei (UBRUN)
- Standards for AM
- 12:45 – 13:30 GMT** Israt Kabir (UBRUN)
- Functionally Graded Additive Manufacturing (FGAM)
- 13:30 – 13:40 GMT** Break (10 minutes)
- 13:40 – 14:25 GMT** Tomislav Breški (UNIZAG)
- Design for Additive Manufacturing using Altair Inspire
- 14:30 – 15:00 GMT** Plenary session: Participants' Feedback and Questions and Answers
- 15:00 GMT** End of Session