

# Additive Manufacturing Summer School

18-19-20 September 2019



**Where?**

Trentino Sviluppo, Via Fortunato Zeni 8, Rovereto (IT)

**Want to know more?**

Info and applications: [raule.n@crit-research.it](mailto:raule.n@crit-research.it)

# Program



## DAY 0 Participants' arrival



## DAY 1 Technical class (9 am - 5 pm)

### Morning

- Introduction to metal Additive Manufacturing methods - **Università di Trento** (Prof. Alberto Molinari)
- Additive Manufacturing for production: applications in the Product Life Cycle - **HP** (Stefania Minnella)
- Beyond the limits of metal powders - **HÖGANÄS** (Federico Della Ricca)

### Afternoon

- How to build quality parts with AM - **RENISHAW** (Andrea Penna)
- Laser Metal Deposition of large and multimaterial components - **Politecnico di Milano & BLM** (Prof. Barbara Previtali)

Social evening: panoramic nordic walking and networking



## DAY 2 On-site experimental day (9 am - 5 pm)

Digital Manufacturing: from reverse engineering and topological optimization to 3D printing – Hands on experience at ProM Facility (by **ProM Facility** staff, coordinated by prof. Paolo Bosetti – **University of Trento** - [www.promfacility.eu](http://www.promfacility.eu))

Social evening: "Dinner with... AVIO AERO: tales of successes and failures in AM"



## DAY 3 Techno-tour and case study visit (9 am - 4pm)

### Morning

- Tecno-tour at **HSL** - Pergine Valsugana (TN) - [www.hsl-italia.com](http://www.hsl-italia.com)
- Tecno-tour at **Eurocoating** - Trento (TN) - [www.eurocoating.biz](http://www.eurocoating.biz)

### Afternoon

Introducing the **IMA** research centre: an hybrid machine application

**4.30 PM CLOSING OF THE SUMMER SCHOOL**

Participation fee €1.200,00 including all the activities, transfers for tecno-tours and case study visits, lunches and dinners. Accomodation costs are excluded.

Application deadline: 10th September. Participants are limited to 20.