

Friday, 13th September 2019

Time **Duration**

AULA MAGNA

9:00 0:10:00

Welcome Note

9:10 0:40:00

Plenary Lecture 1 – Adding Process Physics to Topology Optimization for Additive Manufacturing, Matthijs Langelaar (Delft University of Technology)

9:50 0:40:00

Plenary Lecture 2 – Mechanics and tailoring of additively built metallic lattices and applications on orthopaedics, Damiano Pasini (McGill University)

10:30 0:30:00

Coffee Break

AULA MAGNA

AULA FOSCOLO

AULA SCARPA

AULA VOLTA

AULA 400

AULA IV GIURISPRUDENZA

11:00 0:30:00

Keynote

Keynote

Keynote

Keynote

Keynote

11:30 0:20:00

**IS+GS - Topology
and Shape
Optimization for
AM-ready Design
(VII)**

**IS - Microstructure
Evolution of Alloys
during AM (I)**

**IS - Simulation and
Fatigue in Metal
AM (I)**

**IS - Simulation in
the Design of AM
Devices**

**IS - New Trends in
4D Printing (I)**

11:50 0:20:00

12:10 0:20:00

12:30 0:20:00

12:50 0:20:00

13:10 1:10:00

Lunch/Industrial Workshops

14:20 0:30:00

Keynote

Keynote

Keynote

Keynote

Keynote

14:50 0:20:00

**IS+GS - Topology
and Shape
Optimization for
AM-ready Design
(VIII)**

**IS - Microstructure
Evolution of Alloys during
AM (II)**

**IS - Constitutive
Modelling and
advanced Simulation
Techniques for the
Simulation AM
Processes**

**GS - AM Multi-
physics and Multi-
scale Problems (II)**

**IS - New Trends in
4D Printing (II)**

15:10 0:20:00

15:30 0:20:00

15:50 0:20:00

16:10 0:20:00

**IS - Simulation and
Fatigue in Metal AM (II)**

16:30 0:30:00

Coffee Break

17:00 0:20:00

**IS+GS - Topology
and Shape
Optimization for
AM-ready Design
(IX)**

**GS – AM Material
Modeling (VII)**

**GS - AM Process
Simulation (VI)**

**GS - AM Multi-
physics and Multi-
scale Problems (III)**

17:20 0:20:00

17:40 0:20:00

18:00 0:20:00

18:20 0:20:00

18:40

18:45 0:15:00

Closing Ceremony

19:00