



Università
di Genova

DICCA DIPARTIMENTO
DI INGEGNERIA CIVILE, CHIMICA
E AMBIENTALE

DICCA
SEMINARS

Professor **FERDINANDO AURICCHIO**
University of Pavia

“Additive Manufacturing. A world full of opportunities and challenges!!”



ABSTRACT

Additive Manufacturing (AM) – also known as 3D printing – is taking off in many industrial processes. In particular, powder bed fusion for metal manufacturing has definitively changed the way of prototyping metal parts but also plastic 3D printing is changing modern engineering in many aspects. After a short introduction to the technology and possible applications, the presentation will focus on immersed method to describe the complex physics as well as on solve topology optimization schemes to solve problems associated to the freedom which is possible now thanks to AM. The presentation will close with an excursus on our experience on the use of AM to support industrial developments and the design of innovative AM technologies under developments in our labs.

REINFORCED GREEN PASS NEEDED FOR THE ATTENDANCE OF THE SEMINAR



Friday, April 8th
4 pm



Streaming on the Teams
channel (CODE: wlp9vyt)
or using this link:

<https://shorturl.at/dgmrH>



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