

Group of Interdisciplinary Theoretical Physics

Prof. Angelo Vulpiani

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Monday 4 October 2021, at 15:00,

**in room B of *Department of Physics and Chemistry,*
*Via Archirafi 36, Palermo***

will give a talk entitled

Data science and the subtle art of modelling

Abstract

Datacentric enthusiasm is strongly growing across a variety of domains. Whilst data science asks unquestionably exciting scientific questions, I argue that its contributions should not be extrapolated from the scientific context in which they originate. In particular, I suggest that the simple-minded idea that data can be seen as a replacement for scientific modelling is not tenable. By recalling some well-known examples from dynamical systems I conclude that data science performs at its best when coupled with the subtle art of modelling.

Streaming (Microsoft Teams) at:

<https://teams.microsoft.com/l/team/19%3aujbdZyMQ0zhZCDxOvRCCNcA9D7yTuOciFJabLAXlxA1%40thread.tacv2/conversations?groupId=4534c733-fa5f-4c72-85ad-98f67c1b37e3&tenantId=bf17c3fc-3ccd-4f1e-8546-88fa851bad99>

Team code: hfonago

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