

MONDAY, 21st DECEMBER, h. 16.30  
aula De Donato, Politecnico di Milano  
piazza Leonardo da Vinci, 32, Milano

**SERGIO RINALDI**

presents

# Modeling Love Dynamics

It is shown how love stories — a vital issue in our lives — can be tentatively described with classical mathematics. Focus is on the derivation and analysis of reliable models that allow one to formally describe the expected evolution of love affairs from the initial state of indifference to the final romantic regime. The models are in full agreement with the basic philosophical principles of love psychology. Particular attention is given to the role played by appeal in shaping the evolution of love stories and in structuring human populations. The presentation is purely theoretical and focused on romantic relationships between important classes of individuals identified by particular psychological traits. But specific love stories described in classical poems or in worldwide famous films (e.g., Canzoniere, Cyrano de Bergerac, Gone with the Wind, and Jules et Jim) are also briefly discussed to highlight the power of the Systems Analysis approach.

The conference is in Italian and the mathematics are kept at minimum.

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