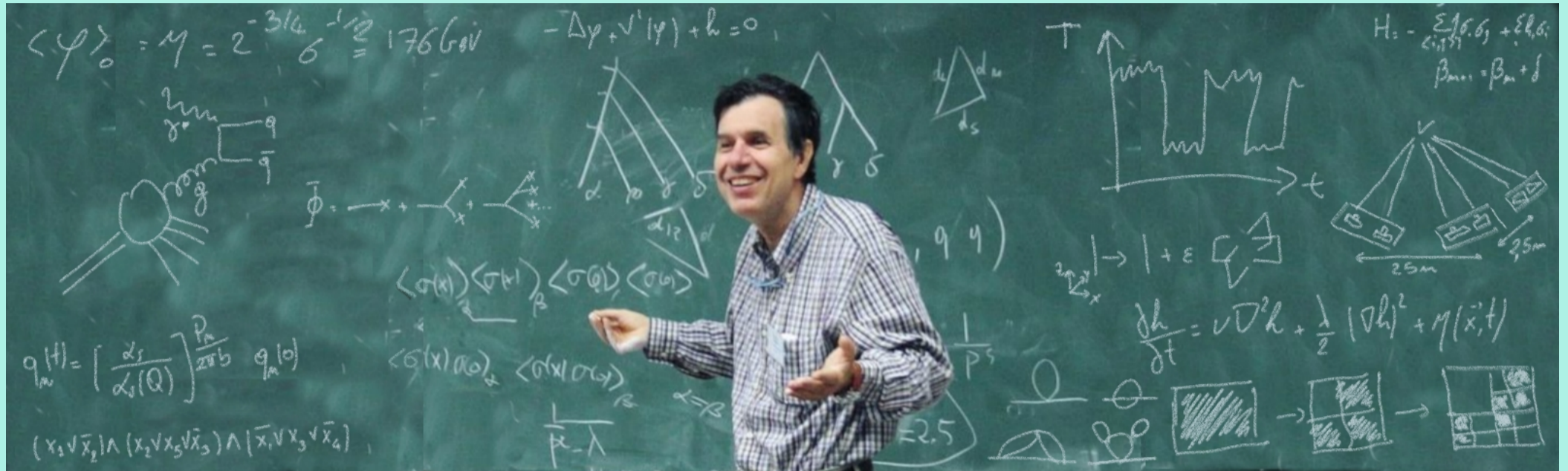


The interdisciplinary contribution of Giorgio Parisi to theoretical physics

A series of seminars bridging communities



Third seminar: 24 November 2022 h 14:30

"On the multifractal nature of fully developed turbulence and chaotic systems"

ANGELO VULPIANI

Aula Amaldi - Dipartimento di Fisica, Sapienza Università di Roma

Scientific Committee

Roberto Aloisio
Antonio Davide Polosa
Federico Ricci-Tersenghi

Organizing Committee

Maria Chiara Angelini
Marco Bonvini
Giacomo Gradenigo

Entire List of Topics & Speakers

- | | | |
|-----------------------|-----------------|--|
| M. Mezard | 06/10/22 | "Infinite number of order parameters for spin-glasses" |
| E. Brezin | 27/10/22 | "Planar diagrams" |
| A. Vulpiani | 24/11/22 | "On the multifractal nature of fully developed turbulence and chaotic systems" |
| S. Forte | 01/12/22 | "Asymptotic freedom in parton language" |
| R. Benzi | | "Stochastic resonance in climatic change" |
| I. Giardina | | "Interaction ruling animal collective behavior depends on topological rather than metric distance" |
| P. LeDoussal | | "Dynamic scaling of growing interfaces" |
| M. P. Lombardo | | "Glueball masses and string tension in lattice QCD" |
| L. Maiani | | "Bounds on the fermions and Higgs boson masses in grand unified theories" |
| E. Marinari | | "Simulated tempering: a new Monte Carlo scheme" |
| G. Martinelli | | "Numerical Estimates of Hadronic Masses in a Pure SU(3) Gauge Theory" |
| A. Pellissetto | | "Perturbation theory without gauge fixing" |
| S. Rychkov | | "Random magnetic fields, supersymmetry, and negative dimensions" |
| R. Zecchina | | "Analytic and algorithmic solution of random satisfiability problems" |



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We acknowledge funding from the European Research Council under the European Union Horizon2020 research and innovation program (grant agreement No. 694925 -LoTGlasSy)