

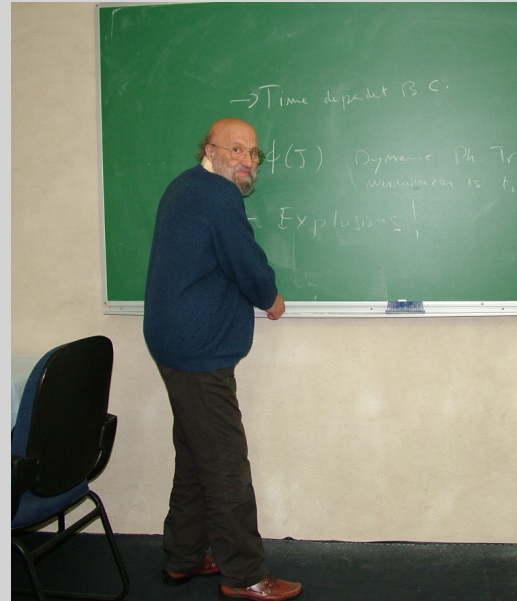
Cross fertilization between Physics and Mathematics

an event in honor of Gianni Jona Lasinio

Wednesday, May 25, 2022, Accademia Nazionale dei Lincei, Rome, Italy

*I am not a mathematical physicist,
I am a physicist who happens to know
some mathematics*

(Gianni Jona, attributed)



Speakers

Bernard Derrida [ENS](#)

Giovanni Gallavotti [Università La Sapienza](#)

Martin Hairer [Imperial College](#)

Program

Venue:

- **Date:** Wednesday May 25, 2022
- **Location:** [Accademia Nazionale dei Lincei](#), Sala delle Scienze Fisiche, Palazzo Corsini, [Via della Lungara 10, Rome](#).
- **Live streaming:** the conference will be broadcast live on the youtube channel of the Accademia dei Lincei: [click HERE](#). It is also possible to participate actively to the conference by asking questions or making a comment; whoever wants to do so, is encouraged to send an email to: desole@mat.uniroma1.it, in order to get the passcode for the zoom meeting.

Schedule:

- **15:00** Opening
- **15:30** Derrida *Large deviation functions of the density and of the current for diffusive systems* [Abstract](#)
- **16:30** *Coffee Break*
- **17:00** Hairer *Stochastic quantisation of Yang-Mills* [Abstract](#)
- **18:00** Gallavotti *Navier-Stokes equation: how relevant is its existence-uniqueness problem?* [Abstract](#)

Dinner: There will be a social dinner in the yard of Accademia dei Lincei at 20:00. Participant are encouraged to register.

Slides and Videos: The files of the presentations of the three lectures are available here: [B. Derrida](#), [M. Hairer](#), [G. Gallavotti](#). It is also possible to view and download the video of the entire event here: [VIDEO](#).

Participants (Please, register using the following [Form](#)) List of [participants](#)

Sponsoring Institutions

[Accademia dei Lincei](#)
[Università La Sapienza](#)
[Università Tor Vergata](#)
[Università Roma Tre](#)
[Istituto Nazionale di Fisica Nucleare](#)
[Center for Mathematics and Theoretical Physics](#)

Organizing Committee

Lorenzo Bertini
Alberto De Sole
Roberto Longo
Fabio Martinelli
Carlo Presilla