



UNIVERSITÀ DEL PIEMONTE ORIENTALE

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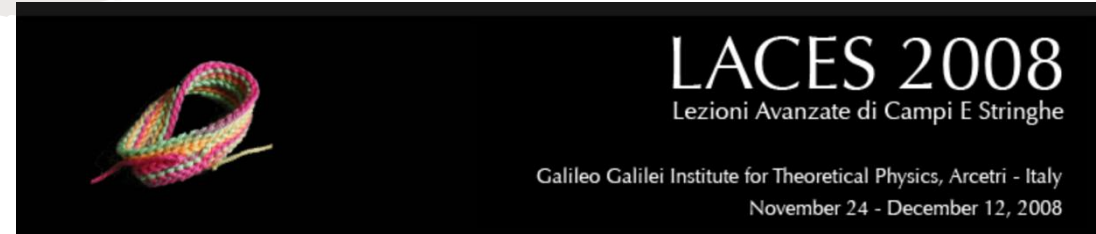
GGI, Florence, 17 March 2026

GGI 20th
Anniversary



Istituto Nazionale di Fisica Nucleare
SEZIONE DI TORINO

- The GGI began its activities in 2006 as a center to host long term workshops in theoretical high-energy physics
- But in 2008 a group of colleagues had the idea of organizing a school for PhD students on string and field theory (LACES)
- There were about 25 students, mainly from Italian universities and the lectures were delivered by the organizers
- The school was highly appreciated and continued in the following years with the same format



LACES will help students to interact in a stimulating environment among themselves and with active scientists. In addition, it provides a solid and more specialised background in theoretical physics to get a grasp on the literature, to benefit from conferences and advanced international schools and, last but not least, to carry on successful research during the short period of their graduate studies.

*C. Angelantonj, P. A. Grassi, G. Grignani,
L. Griguolo, D. Seminara (2008)*



String & Field Theory



Statistical Field Theory



GGI LECTURES ON THE THEORY OF
FUNDAMENTAL INTERACTIONS

Galileo Galilei Institute for Theoretical Physics
Firenze

Particle Phenomenology



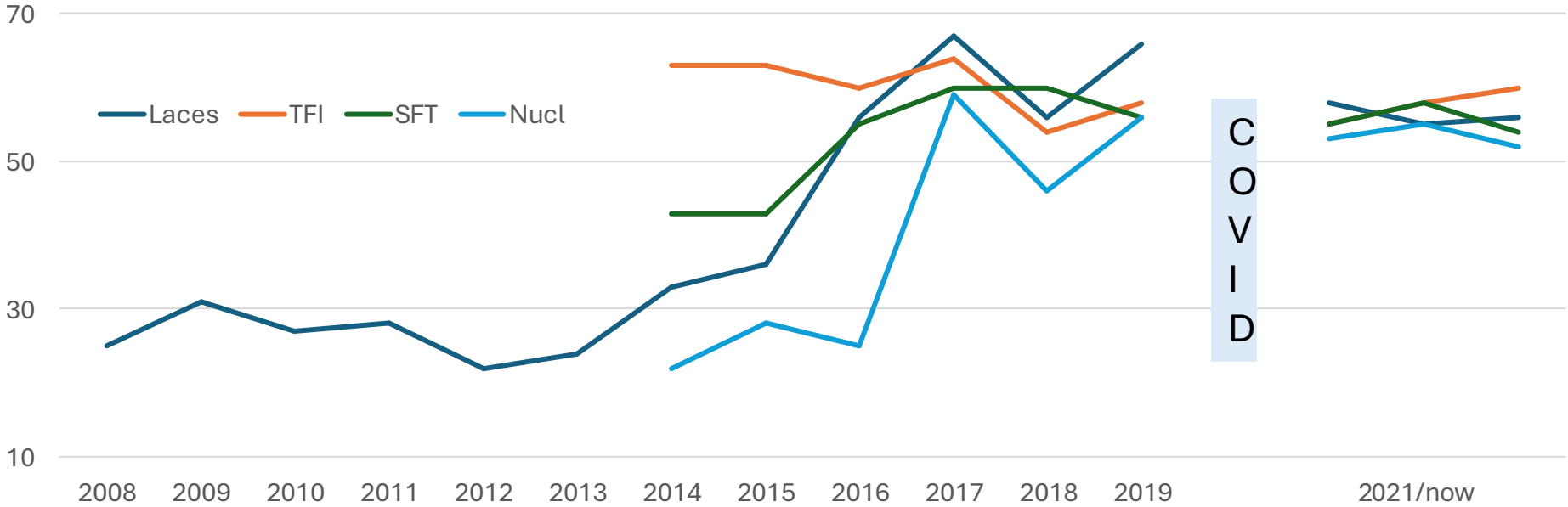
Hadronic and Nuclear Physics



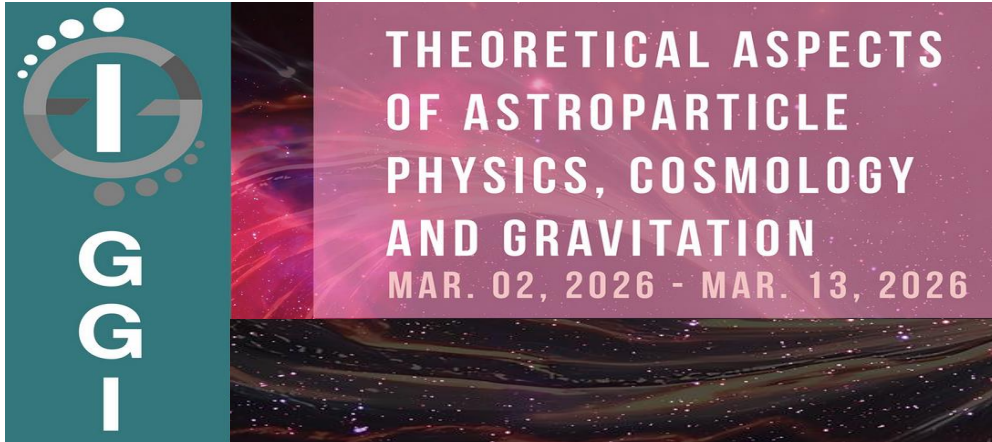
A big help came from the Simons Foundation which awarded the GGI with a generous grant in 2014

Simons@GGI

of PhD students at the GGI schools

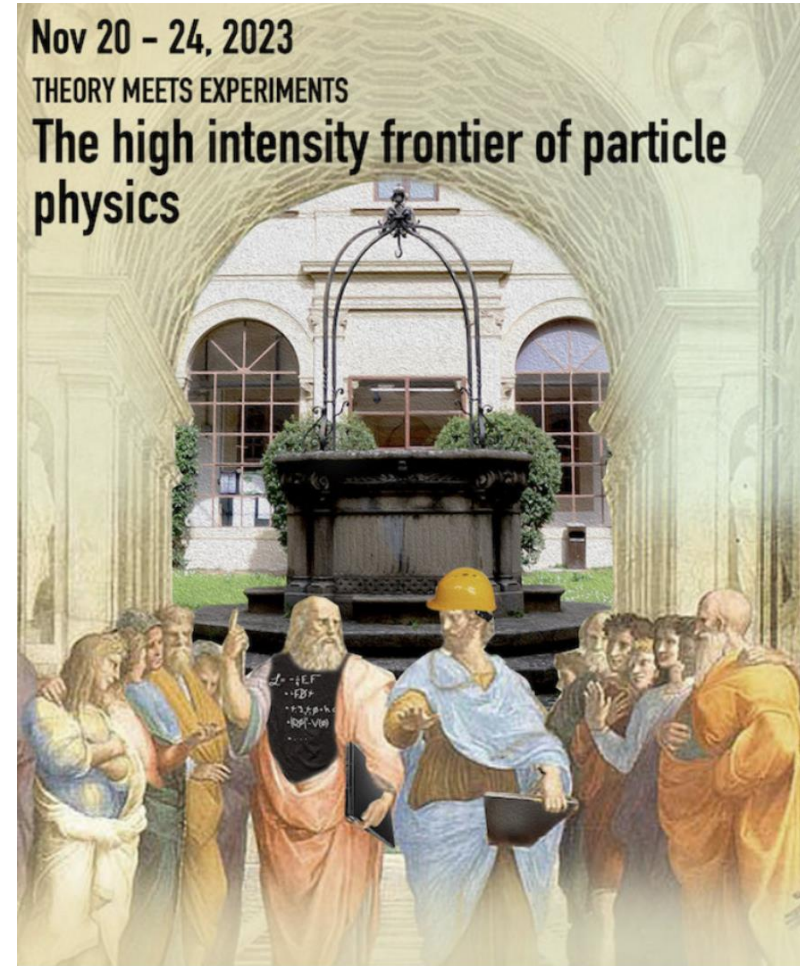


Since 2019

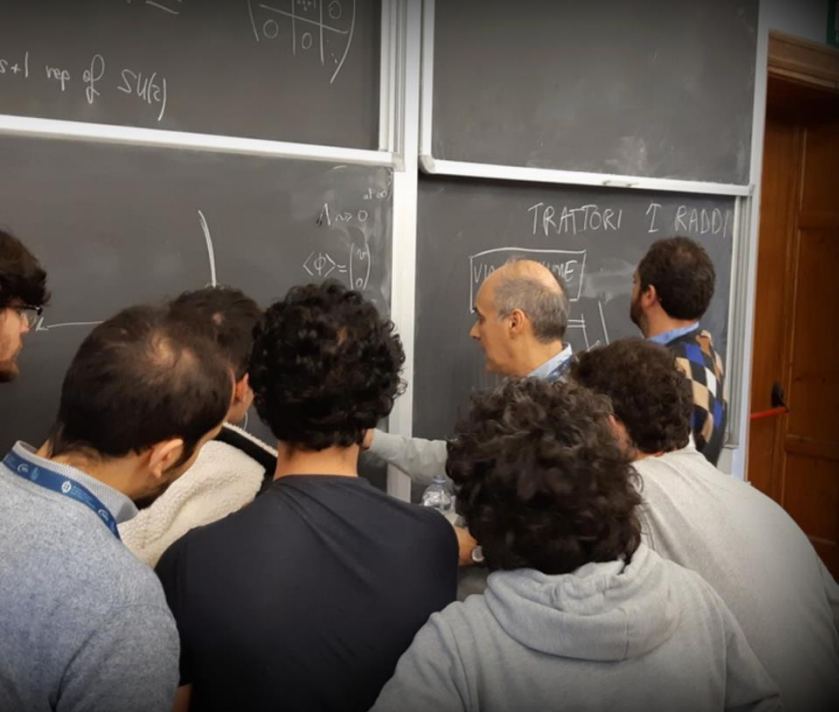


Astroparticle, Cosmology and Gravity

Since 2023

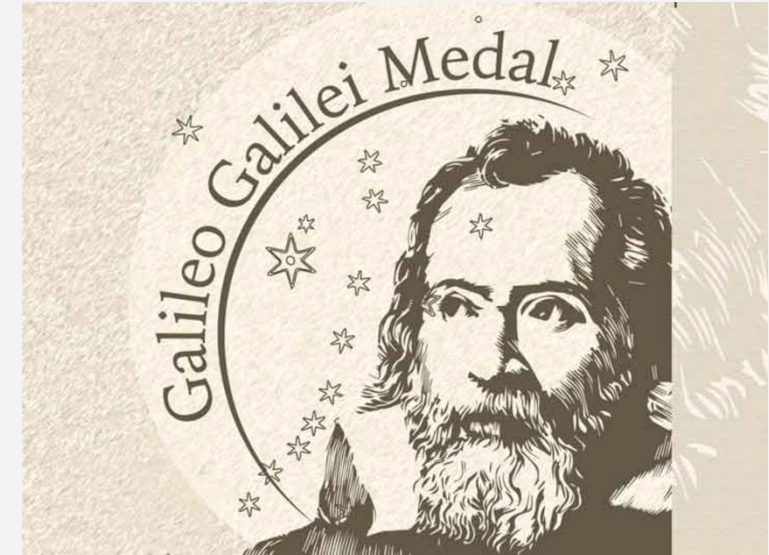


Theory meets Experiments

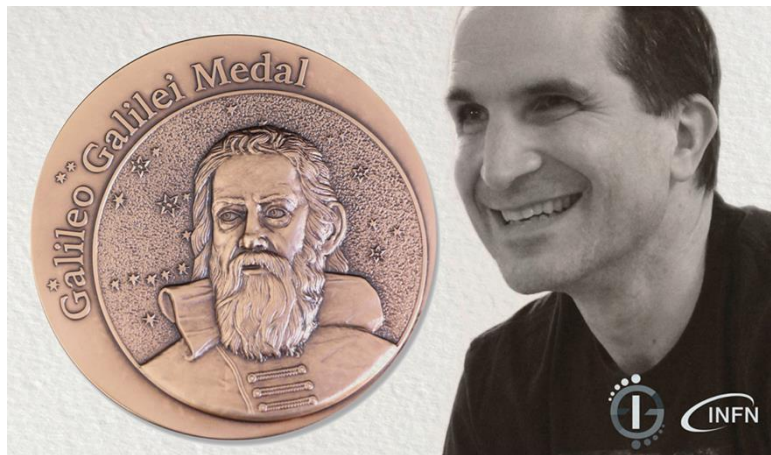


When the GGI became a National Centre for Advanced Studies in 2018, the Galileo Galilei Medal was created.

The medal is assigned to one or more scientists who, in the 25 years before the date of the award, have achieved outstanding results on the areas of theoretical physics of interest to INFN.

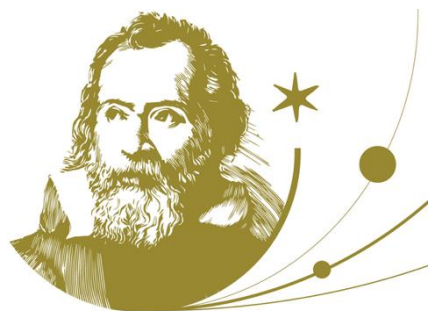


2019

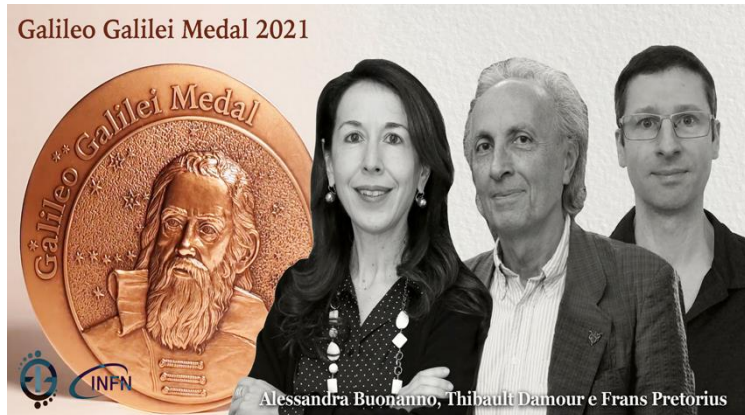


J. Maldacena

For his ground-breaking ideas in theoretical physics, and especially for the discovery of duality between gravity and ordinary quantum field theory, with far-reaching implications.

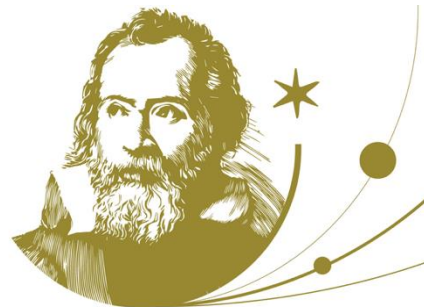


2021

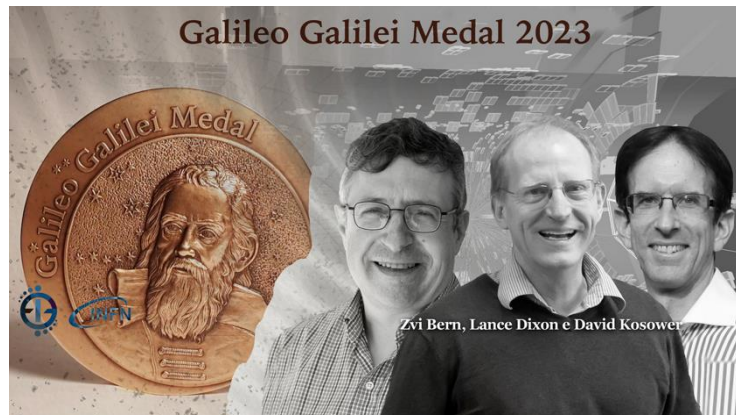


A. Buonanno, T. Damour, F. Pretorius

For the theoretical studies describing the behaviour of two black holes spiralling around each other until they collide

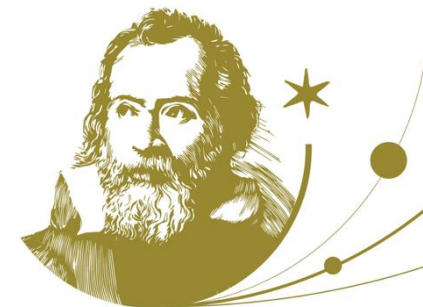


2023

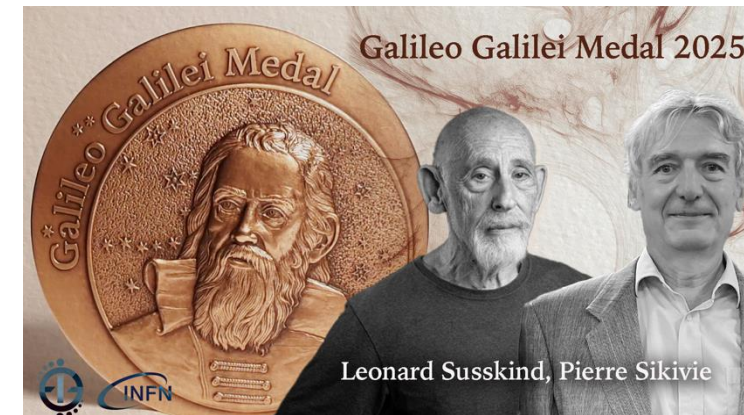


Z. Bern, L. Dixon, D. Kosower

For the development of powerful methods for high-order perturbative calculations in quantum field theory



2025



L. Susskind, P. Sikivie

For their work representing humanity's persistent efforts to see what may seem invisible, revealing deep connections between the largest and smallest scales of Nature



**Happy 20th
Anniversary to the
GGI**