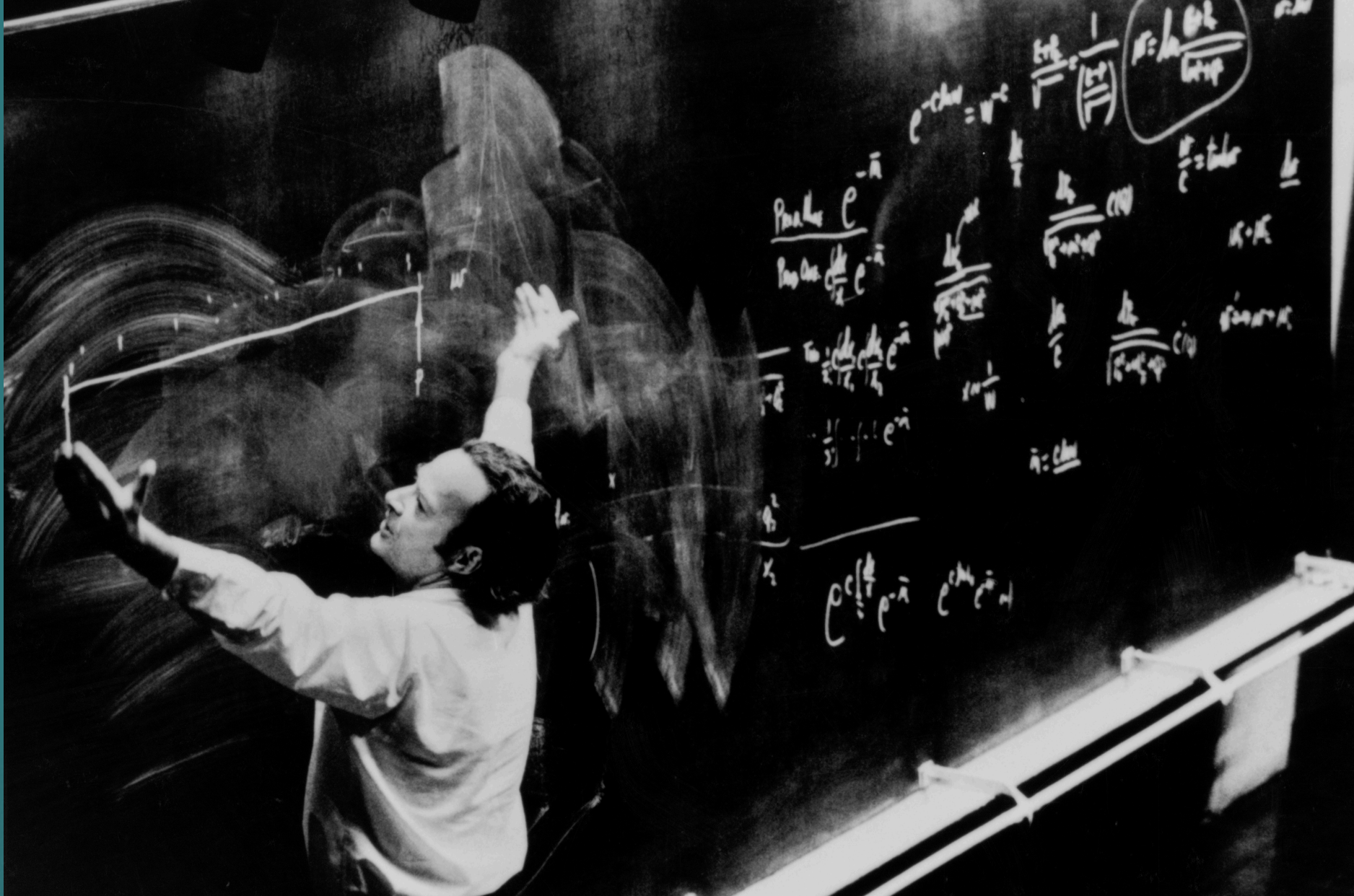




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8-26 JANUARY
2024

GGI LECTURES ON THE THEORY OF FUNDAMENTAL INTERACTIONS

Galileo Galilei Institute for Theoretical Physics - Firenze

Organizers

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(Padova U. & INFN)

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Lecturers and Topics

CLIFFORD CHEUNG (Caltech)
Amplitudes

VALERIE DOMCKE (CERN)
Gravitational Waves from the early universe

ADAM FALKOWSKI (IJCLAB, Orsay)
EFT with a touch of neutrinos

ANSON HOOK (University of Maryland)
BSM and Naturalness

JUAN MALDACENA (IAS Princeton)
Theoretical aspects of Inflation

ANDREA WULZER (IFAE & ICREA, Barcelona)
Collider Physics

The lectures are primarily addressed to Ph.D. students in High Energy Particle and Astroparticle Physics. The aim of the school is to give a pedagogical introduction to the basic concepts and tools needed for research, covering the foundations of the subject at a deep and advanced level.



deadline for applications: 31 October 2023
<http://www.ggi.infn.it/ggilectures2024>