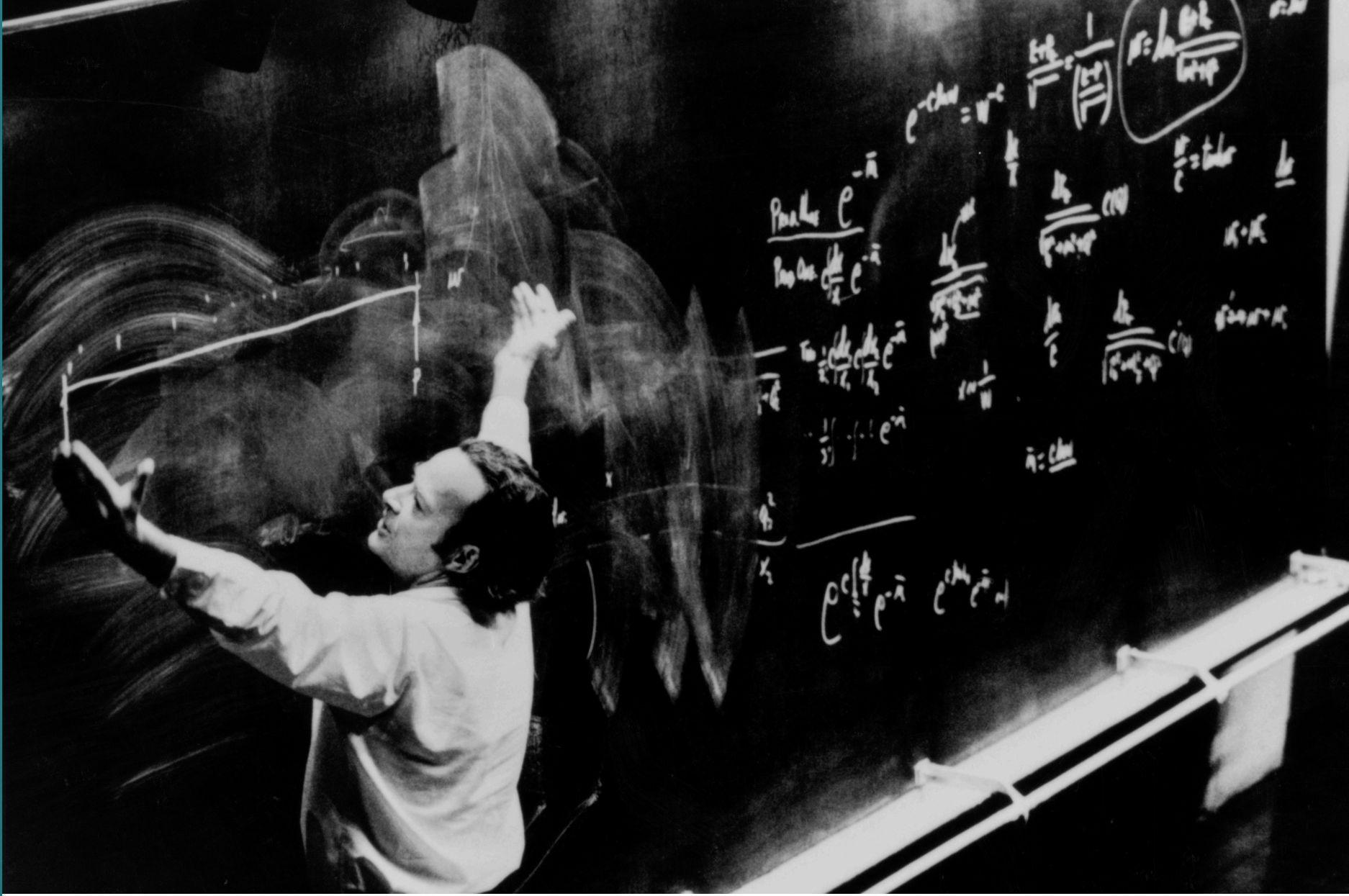




GGI
SCHOOL



8-26 JANUARY
2024

GGI LECTURES ON THE THEORY OF FUNDAMENTAL INTERACTIONS

Galileo Galilei Institute for Theoretical Physics - Firenze

Organizers

FRANCESCO D'ERAMO
(Padova U. & INFN)
ROBERTO FRANCESCHINI
(Roma Tre U. & INFN)
DIEGO REDIGOLO
(INFN Firenze)
GIULIA RICCIARDI
(Napoli Federico II U. & INFN)
FRANCESCO RIVA
(Geneva U.)
ANDREA TESI
(INFN Firenze)

Lecturers and Topics

CLIFFORD CHEUNG (Caltech)
Amplitudes
VALERIE DOMCKE (CERN)
Gravitational Waves
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>