



4th International FLAG Workshop : The Quantum and Gravity

9th-11th September 2024
Villa Cerami, Catania

The 4th workshop organised by the INFN research network FLAG (FieLds And Gravity) is devoted to the fundamental gravitational interaction and related theoretical studies of cosmology and black holes. Aim of the event is to bring together researchers in these fields, to present new ideas and stimulate discussions on these topics. The programme is arranged in three days dedicated respectively to black holes, cosmology and quantum gravity in general.

Chairmen:

R. Casadio University of Bologna ; **G. Puglisi** University of Catania
A. Tronconi INFN Bologna ; **D. Zappalà** INFN Catania

Invited Speakers:

L. Buoninfante Radboud Univ. Nijmegen, The Netherlands
M. Cadoni Univ. Cagliari, INFN CA, Italy
M. De Laurentis Univ. di Napoli, and INFN NA, Italy
A. Held Ecole Normale Supérieure, IPM, Paris, France
D. Malafarina Nazarbayev Univ., Astana, Kazakhstan
P. Mastrolia Univ. di Padova, and INFN PD, Italy
R. Percacci SISSA, and INFN TS, Trieste, Italy
J.L. Said Univ. of Malta, Msida, Malta

Local Organizing Committee:

A. Bonanno (INAF, Catania, IT), R. Casadio (Univ. Bologna, IT)
G. Giacometti (Univ. Catania, IT), G. Ogialoro (Univ. Catania, IT)
G. Puglisi (Univ. Catania, IT), A. Tronconi (INFN Bologna, IT)
D. Zappalà (INFN Catania, IT)

Scientific Organizing Committee:

A. Barvinsky (Lebedev Inst., Moscow, RU)
A. Bonanno (INAF, Catania, IT)
X. Calmet (Sussex Univ., Brighton, UK)
G. Dvali (LMU and MPI, Munich, DE)
O. Evnin (Chulalongkorn University, Bangkok, TH)
A. Kamenshchik (University of Bologna, IT)
U. Moschella (University of Insubria, Como, IT)
J. Mureika (LMU, Los Angeles, USA)
M. Rinaldi (Univ. Trento, IT)
R. da Rocha (Uni ABC, Sao Paulo, BR)