

TRACCIA 1

The Earth environment is characterised by some limits for the experimental investigation of gravity. Present and discuss these limits, explaining how the space environment constitutes a possible alternative.

Il candidato illustri gli organi che compongono il Dipartimento di Fisica dell'Università di Trento.

TRACCIA 2

Describe the specific experience related to the ground-based development and testing of instruments for the in-flight experimental investigation of fundamental physics and astronomy.

Il candidato indichi e descriva sinteticamente gli organi centrali di governo di Ateneo.

TRACCIA 3

The characterisation of the instrument noise is a key step for the analysis of data in the frame of the observation of gravitational waves. Present and discuss some methods, the scope of their application on ground and in space and the main results achieved.

Il candidato illustri le principali funzioni del Consiglio di Dipartimento.