



INSTRUMENTAÇÃO

PAINEL 168

THE STATUS OF THE MARIO SCHENBERG GRAVITATIONAL WAVE DETECTOR

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The first phase of the Brazilian Graviton Project is the construction and operation of the gravitational wave detector Mario Schenberg at the Physics Institute of the University of Sao Paulo. This gravitational wave spherical antenna is planned to feature a sensitivity similar to the large laser interferometers detectors at the 3.0-3.4 kHz frequency bandwidth, and to work not only as a detector, but also as a testbed for the development of new technologies. Here we present the status of this detector.