Status of the LARES Experiment for Accurate Measurements of Earth Gravitomagnetism

Ignazio Ciufolini, Antonio Paolozzi, Erricos Pavlis

University of Salento, Italy ignazio.ciufolini@unile.it

Abstract

LARES (LAser RElativity Satellite) is a laser ranged satellite of the Italian Space Agency (ASI) for accurate measurement of the Earth gravitomagnetic field (Lense-Thirring effect). We descibe the status of this experiment that will be launched with the VEGA maiden flight.