

PHYSICAL COLLOQUIUM
INVITATION

Monday, 03.07.2017, 4.15 p.m., W2-1-148

speaks

Dr. Francois Colas

Observatories de Paris

Paris, Germany

about

The Fripon Network-Fireball Detection with Allsky Cameras

FRIPON (Fireball Recovery and interplanetary Observation Network) is a French fireball network recently founded by ANR (Agence Nationale de la Recherche). His aim is to connect meteoritical science with asteroidal and cometary sciences in order to better understand the solar system formation and evolution. The main idea is to cover all the French territory in order to collect a large number of meteorites (one or two per year) with an accurate orbit computation allowing us to pinpoint the parent bodies of the meteorites. About 100 allsky cameras will be installed to create a dense network with an average distance of 100 km between two stations. In the coming years the European Space Agency and the University of Oldenburg plan to extend the network with own stations over there Netherlands and Germany. In this talk an overview of the system, its current status and perspectives is given.

All interested persons are cordially invited.

Sgd. Prof. Björn Poppe