



Dark Forces at Accelerators Workshop

INFN – Laboratori Nazionali di Frascati
16th -19th October, 2012



Bulletin N. 1

The Dark Forces at Accelerators Workshop (DARK2012) will be held in the INFN Laboratories of Frascati (LNF), from October 16th to 19th, 2012. It follows a first successful meeting on these topics held in September 2009 at SLAC.

Several recent astrophysical observations have revived the idea of the existence of a hidden force weakly coupled to ordinary matter, mediated by new gauge bosons of masses in the MeV to GeV range. These new bosons can be produced at present day accelerators, both in collider experiments and in fixed target ones.

At the time of the SLAC Workshop, new experimental activities were announced to start in several different laboratories. DARK2012 intends to bring theorists and experimentalists together to make the point on the advances in the field since then.

The connection of these studies to the search for dark matter, as well as the potentials of future facilities, presently under study, will also be addressed.

Local Organizing Committee

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Workshop web page and e-mail contacts

All of the relevant information about the workshop can be found on the web page <http://www.lnf.infn.it/conference/dark>

Contacts by e-mail at the address: dark2012_loc@lists.infn.it

Registration Fee

The workshop fee is **250,00 €** to be paid in cash at the registration desk.

The fee includes

- Receptions
- Lunches
- Coffee breaks
- Social events
- Transportation from the Hotels to the Conference venue
- Proceedings

Registration at the web site of the Conference is absolutely necessary for all participants and must be done by July 16th 2012.

Abstracts

Abstracts can be submitted through the workshop web site by **June 16th 2012**.

Proceedings

The proceedings of the workshop will be published in electronic form only on open-access journals.

Accommodation

A suitable number of rooms has been reserved for the duration of the workshop in the hotels located nearby the LNF. Participants are invited to provide by themselves to their accommodation. The reservation will expire on **July 16th 2012**. Details on the suggested hotels can be found in the workshop web page.

Transportation

Frascati is located 20 km south-east of Rome and about 40 km from the Leonardo da Vinci Airport in Fiumicino. The LNF are about 2 km from the centre of the town. Detail on how to reach Frascati and the LNF can be found in the workshop web page.