

## Centre of Excellence “Dark Matter in (Astro) Particle Physics and Cosmology“

The main purpose of the Centre of Excellence (CoE) “Dark Matter in (Astro) Particle Physics and Cosmology“ is to create an environment for interdisciplinary approach to dark matter research and to promote collaboration between research groups studying different aspects of dark matter. The members of the CoE belong to four large international collaborations, the Compact Muon Solenoid experiment at the LHC, the Worldwide LHC Computing Grid coordinated by CERN, the European Grid Initiative of the European Union and the Planck Mission of European Space Agency. Both groups belonging to the CoE include a number of International researchers, postdocs and graduate students working on scientific programs of those International collaborations. All those activities, participation of Estonian researches in CERN, European Space Agency, Worldwide LHC Computing Grid and European Grid Initiative, are the objects of Estonian Science Roadmap. Therefore the CoE directly contributes to the formulation and to execution of the Estonian and European research strategies. The CoE members have been and still are involved in the development of Grid and Cloud computing infrastructure in Europe and in Estonia for years. The CoE participates in several European Union distributed computing infrastructure projects and have similar projects with Estonian info-technology companies including Webmedia and Skype.

Source: Estonian Centres of Excellence in Research 2012. Estonian Ministry of Education and Research. [[http://www.akadeemia.ee/repository/file/PUBLIKATSIOONID/2012/Eesti\\_teaduse\\_tippkeskused.pdf](http://www.akadeemia.ee/repository/file/PUBLIKATSIOONID/2012/Eesti_teaduse_tippkeskused.pdf)]