



## **EuroMuon - Muons for Europe**

A proposed muon factory EuroMuon has attracted the attention of 8 European countries, (muons have become a very useful tool for materials research as well as fundamental muon physics) the idea has mainly been led by the scientists of each county who have interested the political classes research councils and local stakeholders to a sufficient extent that there is now a need to begin to discuss the formal structure of EuroMuon so far the name is the only thing that has been agreed.....The eight countries have a wide variety of GDP and their science budgets are varied, all of the countries would like to host the factory and see it as prestige but also attracting local funding and jobs . Most of the countries would like to make their contribution to the RI in kind. If the wish of the scientists is met, EuroMuon will have a build cost of 1BnEuros a life time of 15 years from operation at 2015. Estimated annual operational costs of 200MEuros and a decommissioning cost of 400M Euros.

*What formal structure should be adopted prior to and then during operational phases?*

*How would the location be agreed upon?*

*Under what circumstances could 'in kind' contributions be allowed?*

*With a lifetime of 15yrs and a 5 yr decommission phase, how long should the agreement made before 2015 last for?*

*How should the decommissioning costs be agreed upon?*

*What penalties would be imposed on a country that wishes to leave the agreement?*