

## Report on completion of the short-stay study abroad program in FY 2008

School: School of High Energy Physics  
Department: Department of Accelerator Science  
Name of Student: Mr. Kailash Ruwali  
Destination Country and Institute: EPAC`08 Conference, Genoa, Italy and Rutherford Appleton Laboratory (RAL), Didcot, UK  
Period of study: EPAC`08 June 22-27, 2008  
RAL June 23 to July 06, 2008

RAL is one of the research institutes which are funded by Science and Technology Facilities Council (STFC), UK. STFC is one of Europe's largest multidisciplinary research organisations supporting scientists and engineers world-wide. The Council operates world-class, large scale research facilities and provides strategic advice to the UK government on their development. It also manages international research projects in support of a broad cross-section of the UK research community.

RAL is working on several aspects of Science and study on Superconducting Magnets and its application is one of the studies which are being carried out there. I am working on the Stability of Superconducting Wire and also on Superferric Magnet with Self-correction Coils. So, we have a subject which is of common interest to both. My host supervisor was Dr. Elwyn Baynham, who was Head, Applied Science Department, RAL and now working as an Consultant there for ATLAS Project. I discussed with him about the Stability Issue in case of High Field Superconducting Magnets and also about Superferric Magnet with Self-Correction Coils. I gave a presentation about my work which I am carrying out at KEK.

Regarding the Short Study Program, I got an email from Ms. Misa Miyai, SOKENDAI Officer about the and consequently I applied for the same.

I got student grant from EPAC`08 to cover accommodation and stay expenses during my stay in Genoa. Since English was an official language during Conference, so language was not a problem. I need to get Medical Insurance and Schengen Visa for Italy and UK visa to visit UK.



- Porto Antico (old port) area of Genoa -