

Departamento de Física
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September 26, 2006

Dr Luciano Maiani
HELEN Cordinator
Physics Department
Rome Italy

Dear HELEN Cordinator,

This is my report about of the activities realized in Rome between February 26 and March 11. I left from Bogota the 26 of February and arrived to Rome the day after at night. I spent the next day in Frascati where I found Enrico Nardi and Barbara Melo. This day also I attend some lectures given at the Frascati laboratory. The third day I went to the Sapienza University where Barbara shown me the place in which I spent almost all the days there. Barbara was a very kind person with me, she got me some tickets for lunching and also she got me some help to stay there.

About my work I spent my time reading some papers that I cannot get in my country. I was studying about the different experiments which proves neutrino oscillations and, specially about the LSND anomaly and how to explain it introducing some parameters which violates the Lorentz symmetry. Actually my interaction with other persons different from Barbara was poor basically because my low level in the English language. The most important thing was that I had the time and the space to advance in our research about neutrinos and Lorentz violation.

My best regards,

Daniel Jaramillo
Prof. Instituto de Física
Universidad de Antioquia.