Neutrino oscillations: personal memories

Francesco Ronga

References:
F. Ronga: “A story of neutrino oscillations in the book” Neutrino the mutant particle" Aracne editions
http://www.aracneeditrice.it/index.php/pubblicazione.html?item=9788854895805
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Takayama neutrino 1998 conference, agenda June 5

9.10 Contained events and Soudan2 (E. Peterson) main result the muon deficit in iron in agrement with water detector and in agreement with oscillations

9.35 Upward-going muons and MACRO (F.Ronga) I was quite nervous. Our results different from the one of Kamiokande. Possibility to have an immediate denial by a much better experiment like Superkamiokande. Paolo Bernardini already presented our results to the Vulcano workshop.

9.55 Results from Kamiokande and SuperKamiokande (T.Kajita) strong evidence for neutrino oscillations!!!

I was very happy after the Kajita talk. Our results were in complete agreement with SK and new Kamiokande data. Of course the statistical evidence was much lower (3 σ in 1998 ==> 4 σ with the full data set in 2000.