

XVII International Workshop on Neutrino factories and Future Neutrino Facilities NuFact15

Rio de Janeiro, Brazil, August 10-15 2015

NuFact15 was the seventeenth in a series that started in 1999 as an important yearly workshop with emphasis on future neutrino projects. This was the first edition in Latin America, showing the scientific growth of this field.

The main goals of the workshop were to review the progress on studies of future facilities able to improve on measurements of the properties of neutrinos and charged lepton flavor violation as well as new phenomena searches beyond the capabilities of presently planned experiments. Since such progress in the neutrino sector could require innovation in neutrino beams, the role of a neutrino factory within future HEP initiatives was addressed.

The workshops are not only international but also interdisciplinary in that experimenters, theorists and accelerator physicists from the Asian, American and European regions share expertise with the common goal of designing the next generation of experiments. **NuFact15** has brought together 125 physicists from all over the world to discuss this exciting field and to set the path to be followed in the years to come.

The NuFact15 workshop was divided into four Working Groups covering the following topics:

- Working Group 1: Neutrino Oscillation Physics
- Working Group 2: Neutrino Scattering Physics
- Working Group 3: Accelerator Physics
- Working Group 4: Muon Physics

NuFact15 was followed by the International Neutrino Summer* School (INSS 2015) that was held in São Paulo, Brazil, from 17 to 28 August 2015.

We thank all members of the National Organizing Committee, Scientific Program Committee, Working Group Conveners and all speakers and participants that have made this workshop a great success.

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Editors of NuFact15 proceedings

Hélio da Motta (CBPF)
Jorge Morfín (Fermilab)

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