Poster session 2 – Tuesday 5 July

P2.023 **Atmospheric muon and electron neutrino energy spectrum measured by first year of IceCube-86 detector**

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Abstract: Due to the large amount of flux, atmospheric neutrino is the main background for the IceCube neutrino telescope. Precise measurement of its spectrum allows us to reduce uncertainty of any kind of signal analysis. A unified analysis of atmospheric neutrinos with the first year of full IceCube detector is presented in which both muon and electron flavors are included in a single framework.