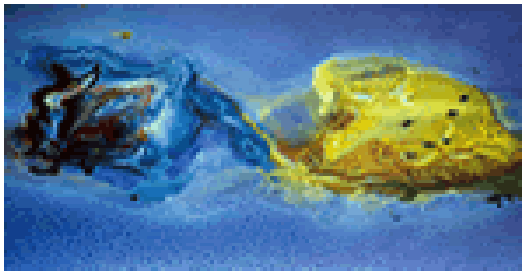

Contribution ID: **243** Type: **Invited talk**

Statistics and data analysis for neutrino experiments

Wednesday 1 August 2018 16:00 (30 minutes)

Experiments on neutrinos are very challenging due to the usual collection of very low number of events, the huge and sometime unknown systematics, and the sparse experimental techniques with the corresponding critical assembling of the measurements. All these characteristics point to the necessity of robust, controlled and well established data analyses. Unfortunately, the neutrino community is far from promoting a common framework (like e.g. in LHC) for data analysis and statistics, even if the feeling about that item is more and more rising up. The author will report about specific examples about these difficulties, providing some personal suggestions and perspectives.

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Session Classification: Statistical Methods for Physics Analysis in the XXI Century

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