



Contribution ID: 56

Type: Oral

## Meson spectroscopy – methods, measurements & machines

*Wednesday, 2 September 2015 09:00 (30 minutes)*

The discovery of a new zoo of hadronic resonances in the heavy and light meson sector in the past decade created new momentum of interest in the field of hadron and in particular meson spectroscopy. Many of the so-called XYZ states are not well understood, the same holds for some of the newly found open charm resonances. The large number of new states on the one hand offers the opportunity to gain a deeper understanding of the properties of QCD bound states, on the other hand requires the development of new ordering schemes and the completion of multiplets in order to identify the proper theoretical description. Apart from a selection of recent puzzling observations, analysis techniques and different types of experiments will be discussed.

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**Session Classification:** Plenary V