



Contribution ID: 216

Type: **Oral Contribution**

Hadron Spectroscopy: an experimental overview

Tuesday 25 October 2022 10:40 (35 minutes)

The spectrum of hadrons is composed of bound states of quarks and gluons. The distinctive property of confinement in strong interactions, which are described by Quantum Chromo-Dynamics (QCD), prevents quarks and gluons from appearing as free particles. A new generation of dedicated experiments in hadron physics has been proposed with the aim of uncovering properties of strong interactions and specifically the mysteries of confinement. Some of these experiments are already in operation and several more are planned for the near future in the main EU laboratories (CERN, Mainz, Bonn, GSI) and abroad (JLab/US, BESIII/China, JPARC/Japan, Belle/Japan). In this contribution, I will report the latest experimental results in hadron spectroscopy and plans for the future.

Primary author: BATTAGLIERI, Marco Andrea (INFN e Universita Genova (IT))

Presenter: BATTAGLIERI, Marco Andrea (INFN e Universita Genova (IT))

Session Classification: Plenary Talks

Track Classification: Plenary Talks