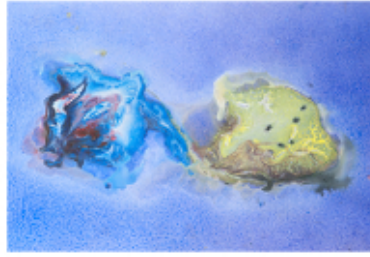


## Quark Confinement and the Hadron Spectrum XI



Contribution ID: 239

Type: **not specified**

### A New Hadron Spectroscopy

*Tuesday 9 September 2014 17:55 (25 minutes)*

Recently, many candidate multiquark mesons, i.e., mesons with substructures that are more complex than the quark-antiquark prescription that is in the textbooks, have been observed. Many of the most recently observed candidate states are electrically charged and have the same spin and parity, namely  $J^P=1^+$ . In this talk I will give an overview of the current experimental situation and try to identify some patterns among the recently discovered  $J^P=1^+$  states that may give some hints about the underlying dynamics that are at play and suggest the existence of other states that should be accessible at LHC and the BelleII experiments.

**Primary author:** Prof. OLSEN, Stephen Lars (Center for Underground Physics)

**Presenter:** Prof. OLSEN, Stephen Lars (Center for Underground Physics)

**Session Classification:** Parallel III: C3 Heavy Quarks

**Track Classification:** Section C: Heavy Quarks