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Type: **Invited Talk**

Exotic meson program at JLab

Wednesday, 15 September 2021 16:40 (20 minutes)

The spectrum of mesons holds important information about the interaction of quarks and gluons. Of special interest are so called hybrid mesons which have gluonic degrees of freedom. Over the years various candidates have been identified but most evidence comes from pion beam experiments. To further the understanding of these states it would be beneficial to measure them in other production mechanisms. After upgrading the CEBAF accelerator to 12 GeV, Jefferson Lab is ideally placed to fill this gap.

This talk will present the ongoing efforts of the CLAS12 MesonEx program running in Hall B and GlueX experiment in Hall D. Both are dedicated to study the spectrum of exotic mesons in electro- and photoproduction, respectively.

Presenter: PAULI, Peter (University of Glasgow)

Session Classification: Oral Presentations