

## **Gluons in the etaprime-nucleon and etaprime-nucleus systems (invited talk,remote)**

*Thursday, April 3, 2025 5:20 PM (30 minutes)*

Gluonic effects are important in etaprime physics. In this talk I shall discuss the role of gluonic degrees of freedom in possible etaprime bound states in nuclei as well as in the etaprime-nucleon interaction. If experiments see evidence for an etaprime bound state, how do we interpret that in terms of gluon related parameters? Might the possible very narrow and close to threshold resonance hinted at in fits to etaprime photoproduction data be associated with gluonic mediated production?

**Presenter:** BASS, Steven (Jagiellonian University in Krakow, Kitzbühel Centre for Physics)

**Session Classification:** Plenary Session