

SES19-2019-000185

Abstract for an Invited Paper
for the SES19 Meeting of
the American Physical Society

The Spectroscopy of Baryons containing Strange, Charm or Bottom

JOHN YELTON, University of Florida

The study of the spectroscopy of heavy-quark baryons is now many decades old, however there are many states still to be found and understood. I present a review of the experimental results on the spectroscopy of the states of all baryons which include one strange, charm or bottom quark. The emphasis is on recent results in this field. The masses and properties of the states are interpreted in the quark model, and unanswered questions are highlighted.