

# Baryon spectroscopy at CLAS and CLAS12

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## Abstract

The Nstar programme at CLAS in Jefferson Lab is dedicated to the study of the spectrum of baryon resonances and the search for *missing resonances*. Recent developments in polarized beams and targets at CLAS have given the opportunity to measure many of the single and double polarization observables which are necessary to disentangle the contributing processes. In particular, CLAS is well on the way to making the first *complete measurement* on pseudoscalar meson production. The current status of the Nstar program will be presented together with preliminary results from recently completed experiments. A brief overview of the hadron spectroscopy capabilities of the upgraded CLAS12 detector will also be presented, with emphasis on the plans for a tagged, *quasi real* photon beam.

*Invited talk to be presented at BARYONS'2010, Osaka, Japan December 7-11,2010*