

# The CLAS12 experiment: status and plans

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## Collaboration

CLAS

## Abstract content

The CLAS12 experiment in Hall B at Jefferson Lab aims at investigating the hadron structure and spectrum by making use of the 12 GeV electron beam provided by the CEBAF accelerator. The CLAS12 physics program includes the study of the 3D structure of the nucleon, the study of the baryon and meson spectrum and structure, the search for exotic states and the study of quark hadronization and nuclear effects. This broad program is accessible thanks to the excellent acceptance and resolution of the CLAS12 spectrometer, a multi-detector system designed to detect and identify both charged and neutral particles over a large portion of the solid angle. In this talk, the status and plans for the experiment will be reviewed.

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