ID contributo: **11** Tipo: **non specificato**

Recent results from the A2 collaboration at MAMI

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The study of the nucleon structure and of its excited states is a powerful tool in order to gain a better understanding of the dynamics inside the nucleon and of the non-perturbative regime of QCD.

The different observables accessible using polarized photon beams and/or polarized nucleon targets play an essential role in this experimental research due to their enhanced sensitivity both to the individual resonances and to the deformation of the nucleon ground state caused by an incoming photon.

A systematic measurement of these observables is being carried out by the A2@MAMI collaboration at the tagged photon facility of the MAMI-Mainz accelerator and for energies ranging up to 1.5 GeV. The large acceptance Crystal Ball/TAPS detection set-up is used for this purpose.

The present talk will give an overview of the wide range of observables measured so far on different reactions together with a perspective on future experiments.

Autore principale: PEDRONI, Paolo (INFN-Pavia)

Relatore: PEDRONI, Paolo (INFN-Pavia)

Classifica Sessioni: Plenary

Classificazione della track: Polarization observables photo- and electro- production of mesons off nucleons