

Scattering and annihilation electromagnetic processes

lundi 18 février 2013 - vendredi 22 février 2013

Trento ECT*

Programme Scientifique

MAIN TOPICS

Historical aspects on nucleon Form Factors.

Radiative corrections to electromagnetic processes: methods, reactions and kinematics.

Vector-meson-dominance models. Constituent quark models. Soliton models.

Phenomenological interpretations of time-like nucleon Form Factors.

Nucleon Form Factors in the unphysical region.

Low energy electron-proton scattering.

High energy proton-polarimetry.

Nucleon-antinucleon cross section at BESIII and VEPP-2000.

Proton-antiproton cross section via initial state radiation at BaBar.

Baryonic time-like Form Factors at HADES.

Nucleon Form Factor experiments at Jefferson Lab.

Perspectives at FAIR.