XXXVII International Workshop on High Energy Physics "Diffraction of hadrons: Experiment, Theory, Phenomenology"

Contribution ID: 24

Type: not specified

Recent experimental results on charge exchange reactions with VES setup

Thursday 24 July 2025 15:00 (40 minutes)

(OFFLINE)

Two topics on charge exchange (ChEx) production of exclusive systems of light mesons by pions on nuclei will be presented. The first one is the completed study of the omega(782) phi(1020) channel with the dominance of the scalar isoscalar resonance f0(1710), which characteristics point to its glueball-like nature. The second one is a preliminary report on the first observation of the eta'(958) pi+pi- system in the ChEx, with somewhat speculative consideration of rho(2150) as its possible origin.

Presenter: ХОХЛОВ, Юрий (ИФВЭ)

Session Classification: Afternoon session 6