

XXIX-th International Workshop on High Energy Physics: NEW RESULTS
and ACTUAL PROBLEMS in PARTICLE & ASTROPARTICLE PHYSICS and
COSMOLOGY



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Panel discussion on SM&QCD at High Energies and Nucleon Structure

Thursday 27 June 2013 18:00 (45 minutes)

Moderator:

A. Prokudin

Panelists:

O. Zenin

B. Adeva

C. Ferro

A. Likhoded

Questions:

Panel Discussion IV.

- Does QCD help us to understand strong interactions?
- Does the SM theory with Kobayashi-Maskawa (CKM) quark-mixing matrix describe all CP-violation and rare decays phenomena observed in the heavy quark sector?
- Can quantum loop corrections reveal new physics mass scales well above the TeV scale, by means of indirect searches?
- Is the low-energy supersymmetry of TeV scale in trouble after the LHC results on its direct search?

Presenter: PROKUDIN, Alexey (JLAB, Newport News)

Session Classification: Evening session

Track Classification: Structure of fundamental particles