

WORKSHOP ON FORWARD PHYSICS AND HIGH-ENERGY SCATTERING AT ZERO DEGREES

Wednesday, September 9, 2015 - Saturday, September 12, 2015

Nagoya University

Scientific Program

TOPICS

LHC results on diffraction

Diffractive events and the problem of Pomeron

Diffraction and very forward pp and pA scattering

Diffraction at HERA, Tevatron, RHIC

Forward and ultra-peripheral AA scatterings

Vector meson production

Prospects in photon-photon physics

RHIC physics (QGP, saturation...)

Astroparticle physics and high energetic cosmic ray interaction models

Spin asymmetry in forward polarized pp scatterings, LI> Particle and energy flow in forward region

Central exclusive production

Forward detectors (roman pot, Si, timing...)

Other hot topics (open to suggestions).

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