

Physics&Computing Russian Institutes meeting

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Book of Abstracts

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Introduction

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Trigger for Run 2

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Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV

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Charged particle production measurements in $\sqrt{s_{NN}} = 5.02$ TeV p+Pb collisions

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Recent soft QCD results in ATLAS

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LHC impact on progress in Cosmology

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BSM Higgs boson physics in ATLAS

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MC production of Higgs boson CP mixed states and study of CP violating effects in the H->tau tau decay channel

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Common Analysis Framework for H->WW searches (10-15 min)

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Search for long-lived multi-charged particles in pp collisions in 2012 data

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Results of exotica searches in dilepton channel at ATLAS in LHC Run I

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Search for supersymmetric particles in decays with lepton, jets and missing transverse energy

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CP violation in $B_s \rightarrow (J/\psi \phi)$ decayCorresponding Author: vladimir.nikolaenko@cern.ch

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New B-physics measurements

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Status of $B_c \rightarrow J/\psi D_s^{(*)}$ decay analysis

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Measurement of the $Z\gamma$ and $Z\gamma\gamma$ production cross section with studies of anomalous gauge couplings

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Application of MCFM generator to production of W/Z accompanied by heavy jets

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Search for exotic quark components in proton at ATLAS

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