

# Advanced Studies Institute on Symmetries and Spin

## SPIN-Praha-2012

July 1-8, 2012

### Registered participants of SPIN-Praha-2012

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Polarised Drell-Yan program at COMPASS

30'

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Experimental search for EDM in a diamagnetic atom  $^{129}\text{Xe}$  with spin oscillator technics

50'

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New study of the missing mass spectra from the  $C(p, K0)$  and  $C(p, \Lambda)$  reactions at 10 GeV/c

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W-polarisation and helicity studies in W and top production

30'

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COMPASS DAQ - Database Architecture and Support Utilities

30'

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Status of LHCb

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The ATLAS Upgrade

50'

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Fundamental symmetry tests with Ultracold neutrons

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Hadronic contributions to muon g-2  
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Luminosity Determination with Random Trigger at COMPASS  
30'

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Recent news on TMD PDFs

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Neutrino nuclear spin responses studied by nuclear photon and lepton reactions  
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LHCb upgrade  
50'

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Status of the Source of Polarized Ions for the JINR accelerator COMPLEX  
50'

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Experiment OSQAR  
30'  
Poster: Project SPHERE

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Experiment SPHERE  
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Polarized GPDs in pions and kaons leptonproduction  
50'

Grebenyuk Victor (JINR Dubna)  
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Results of the beam-test of the trigger system of experiment THE NUCLEON  
30'

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Search of the Electric Dipole Moment in storage rings  
30'

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Status and Recent Results of the ATLAS Experiment  
50'

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Spin manipulation of RI beams from two-stage projectile fragmentation reaction  
30'

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Highly available and reliable database system for the COMPASS experiment  
30'

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Nuclotron-M/NICA Project at JINR: Some Aspects of Spin Physics Studies.  
50'

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Polarisation observables in  $dd \rightarrow {}^3\text{He} n$  reaction at intermediate energies  
30'

Ladygin Vladimir (JINR Dubna)  
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Strange matter production in heavy ion collisions at Nuclotron (BM@N project)  
30'

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Proton-Antiproton Annihilations at FAIR - The PANDA  
50'

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NICA MPD Project

50'

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Production and polarisation measurements in LHCb

30'

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Poster: The OSQAR Experiment: Overview and Prospects

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Transverse parton distribution functions in Drell-Yan production at FAIR

50'

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Heavy flavour onia production

30'

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Production of ultracold neutrons and a project for neutron EDM

50'

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Overview of Transversity

50'

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Amplitude analysis for CP violation studies in LHCb

50'

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Fair Project

50'

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COMPASS DAQ - Basic Control System

30'

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Wigner Distribution and Quark Orbital Angular Momentum  
50'

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Low temperature proton polarized target for nucleon structure studies at COMPASS  
30'

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The estimation of the spin dependent part of the np-pn exchange amplitude

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Poster - title will be specified later.

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Energy dependence of the Cnn correlation parameter in the elastic pp - scattering at intermediate energies.

30'

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Recent HERMES results - an overview

50'

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Muon g-2 and EDM project at JParc

50'

Saleev Vladimir (Samara State University)

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Angular Distributions of Drell-Yan Dileptons in the Parton Reggeization Approach

30'

Sato Tomoya (Tohoku University)

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EDM Project with radioactive paramagnetic Fr atoms

30'

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PHENIX Spin : Current status and future prospects

50'

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Generalized hadron structure and elastic scattering

30'

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Magnetic moments of the negative parity baryons  
30'

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Nucleon spin structure from DIS and SIDIS processes  
30'

Shipilova Alexandra (Samara State University)  
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b-jet production at high energy colliders in the framework of parton Reggeization theory  
30'

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Testing the helicity structure of new physics with rare decays at LHCb  
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CMS results and status  
50'

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Development of single photon detector based on THGEM technology  
30'  
Poster: Absolute alignment of COMPASS-RICH mirrors

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Momentum distributions, spin-dependent observables and asymptotic D/S ratio in  $^3\text{He}$   
30'

Sulc Miroslav (TUL Liberec)  
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Vacuum Magnetic Birefringence measurement at OSQAR  
30'

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STAR helicity structure studies, including delta G and W results

50'

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Review of supersymmetry searches at ATLAS

30'

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W and Z studies at 7 TeV at CMS

50'

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Spin dependence of the the  $\bar{p}d$  and  $\bar{p}^3\text{He}$  interactions

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Likelihood Methods for Beam Particle Identification at the COMPASS Experiment

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