

## **Session Program**

**7-12 Sept 2014**



# **Quark Confinement and the Hadron Spectrum XI**

## ***Poster Session***

St. Petersburg

## Tuesday 9 September

18:50

### Poster Session

**Poster Session** | **Location:** Levinson Lounge | **Convener:** Michael Creutz

#### Contribution of plasminos to the shear viscosity of a hot and dense Yukawa-Fermi gas

**Speaker**

Farid Taghinavaz

#### Study of mean transverse momenta correlations in rapidity and azimuthal windows in heavy ion collisions

**Speaker**

Igor Altsybeev

#### True self energy function, mixing and reducibility in effective scalar theories.

**Speaker**

Prof. Vladimir Vereshagin

#### Probing anomalous top quark couplings in diffractive events at the LHC

**Speaker**

farid taghinavaz

#### Generalized Beth-Uhlenbeck approach to mesons and diquarks in hot, dense quark matter

**Speaker**

Daniel Zablocki

#### Holographic Estimates of the Deconfinement Temperature

**Speaker**

Alisa Katanaeva

#### $SU(4)$ magnetic monopoles and abelian gauge fixing

**Speaker**

Shahnoosh Rafibakhsh

#### Solutions to QCD 't Hooft Equation in terms of Airy functions

**Speaker**

Roman Zubov

#### Bound states in Minkowski space in 2+1 dimensions

**Speaker**

Mr Cristian Gutierrez

#### Partial restoration of chiral symmetry inside hadrons

**Speaker**

Prof. Shoji Hashimoto

#### The in-medium heavy-quark potential from quenched and dynamical lattice QCD

<b>Speaker</b> Dr Alexander Rothkopf
<b>Existence of Mass-Gap &amp; Pure Yang - Mills Theory</b> <b>Speaker</b> Mr Rajan Dogra
<b>Zero modes of overlap fermions, instantons and monopoles (II)</b> <b>Speaker</b> Dr Masayasu Hasegawa
<b>Precise lattice calculation of nucleon form factor with all-mode-averaging</b> <b>Speaker</b> Eigo Shintani
<b>In-medium neutral pion decay to two photons</b> <b>Speaker</b> Jenifer Nebreda Manjon
<b>Two dimensional thick center vortex model</b> <b>Speaker</b> Dr Shahnoosh Rafibakhsh
<b>Two potential quark models for double heavy baryons</b> <b>Speaker</b> Andrei Puchkov
<b>Renormalized Light Front Hamiltonian in the Pauli-Villars Regularization</b> <b>Speaker</b> Mikhail Malyshev
<b>One-loop computations from the Electroweak Chiral Lagrangian with a light Higgs</b> <b>Speaker</b> Rafael Delgado
<b>Thermodynamics from lattice QCD with <math>N_f=2+1+1</math> dynamical twisted fermions</b> <b>Speaker</b> Prof. Michael Mueller-Preussker
<b>Is the <math>X(3915)</math> <math>\psi(3725)/\psi(3700)</math> resonance the <math>cc\bar{0}'</math>?</b> <b>Speaker</b> Prof. Stephen Lars Olsen
<b>Bose-Einstein effects in multiplicity and net-charge correlations in pp collisions using PYTHIA8 simulations</b> <b>Speaker</b> Mr Dmitry Neverov
<b>The origin of thermal component in the transverse momentum spectra in high energy hadronic processes</b> <b>Speaker</b> Alexandr Bylinkin

**Logarithmic violation of scaling in strongly anisotropic turbulent transfer of a passive vector field****Speaker**

Mr Nikolay Antonov

**Study of strange mesons in p+p, d+Au and Cu+Cu collisions at 200 GeV in PHENIX experiment at RHIC****Speaker**

Dmitry Kotov

**Symmetry-preserving contact interaction model for heavy-light mesons****Speaker**

Fernando Serna

**Neutrino photoproduction on pseudo Nambu-Goldstone bosons****Speaker**

Ibragim Alikhanov

**Center vortices as composites of monopole fluxes****Speaker**

Dr Sedigheh Deldar

**QCD Sum Rules for Heavy-Meson Decay Constants: Impact of Renormalization Scale and Scheme****Speaker**

Dmitri Melikhov

**Partial twisting for scalar mesons****Speaker**

Mr Dimitri Agadjanov

**Partition Function of Interacting Calorons Ensemble****Speaker**

Sedigheh Deldar

20:20