

# **LHC on the March**

**Tuesday, November 20, 2012 - Thursday, November 22, 2012**

**IHEP, Protvino**

## **Scientific Program**

Searches for Higgs

Higgs Phenomenology and lessons from LHC results

Status and plans of LHC machine

LEP3 Higgs factory

Status and performance of the experiments

Electroweak phenomena

Searches for Phenomena beyond the Standard Model

QCD studies

B-physics

Top quark production and properties

Heavy quarkonia

Heavy Ions Collisions

## **AKGUN, Bora (Rice University (US))**

CMS results on B-Physics

## **ARBUZOV, Boris (Moscow State University, Skobeltsyn Institute of Nuclear Physics)**

The LHC state at 125.7 GeV as an evidence for non-perturbative electro-weak effects

## **ARTAMONOV, Alexander (Institute for High Energy Physics (RU))**

Charm and Charmonia production at LHCb

## **BAILHACHE, Raphaelle (Johann-Wolfgang-Goethe Univ. (DE))**

ALICE results on heavy-flavour production at the LHC

## **BIAN, Jianguo (Institute of High Energy Physics, Beijing, China)**

CMS results on Quarkonium production

## **BOOS, Eduard (M.V. Lomonosov Moscow State University (RU))**

Some lessons from observed Higgs-like boson

## **CONTI, Geraldine (Harvard University (US))**

Electroweak Physics at ATLAS

## **D'AURIA, Saverio (University of Glasgow)**

Top physics at ATLAS

## **GUIDUCCI, Luigi (Universita e INFN Bologna (IT))**

Status of the CMS detector and upgrade plans

## **IVANOV, Andrew (Kansas State University (US))**

CMS results on top physics

## **IVANOV, Sergey (Institute for High Energy Physics (IHEP))**

Status of U70

## **KIRSANOV, Mikhail (Russian Academy of Sciences (RU))**

Search for a heavy neutrino and right-handed  $W$  of the left-right symmetric model in pp collisions  
SM Higgs searches by CMS at the LHC

## **KOCHEBINA, Olga (Universite de Paris-Sud 11 (FR))**

Rare decays at LHCb

## **KORATZINOS, m (University of Geneva)**

LEP3: a possible low-cost high-luminosity Higgs factory

## **KRYSHEN, Evgeny (B.P. Konstantinov Petersburg Nuclear Physics Institute - PNPI ())**

ALICE status and plans

## **LI, Yiming (Tsinghua University (CN))**

Bottomonia and  $B_c$  Production at LHCb

## **MAMONOV, Alexander (Russian Federal Nuclear Center (RU))**

Development of detector control system software simulator for electromagnetic calorimeter PHOS

## **MARONE, Matteo (University of Trieste and INFN)**

Jet production in association with vector bosons at CMS

## **NIKOLAENKO, Vladimir (Institute for High Energy Physics (RU))**

B-physics at ATLAS

## **PAGAN GRISO, Simone (Lawrence Berkeley National Lab. (US))**

Higgs searches at ATLAS

## **PETRUKHIN, Anatoly (Moscow State Engineering Physics Institute (RU))**

Consequences for LHC from cosmic ray experiments

## **POJER, Mirko (CERN)**

LHC status & plans (including upgrade)

## **POLYAKOV, Ivan (ITEP Institute for Theoretical and Experimental Physics (RU))**

B decays to charmonia at LHCb

## **PRIMAVERA, Federica (Universita e INFN (IT))**

Search for MSSM Higgs with the CMS detector at LHC

## **SAVRINA, Daria (M.V. Lomonosov Moscow State University (RU))**

LHCb status and overview

## **SCHMITT, Christian (Johannes-Gutenberg-Universitaet Mainz (DE))**

Combined Higgs result from ATLAS

## **SHABETAI, Alexandre (Laboratoire de Physique Subatomique et des Technologies Associe)**

Review of recent results on jet physics in Heavy Ion from LHC

## **SOLOVYANOV, Oleg (Institute for High Energy Physics (RU))**

Status of the ATLAS detector

## **SULTANOV, Rishat (ITEP Institute for Theoretical and Experimental Physics (RU))**

Jet measurements in proton-proton and PbPb collisions with the ALICE experiment at LHC

## **TELNOV, Valery (Budker INP, Novosibirsk, Russia)**

Limitation on the luminosity of e+e- storage rings due to beamstrahlung.  
Higgs factories

## **TRIPLETT, Nathan Edward (Brookhaven National Laboratory (US))**

SUSY and Beyond SM Searches at ATLAS

## **VINOGRADOV, Iouri (Russian Federal Nuclear Center (VNIIEF))**

Development of detector control system software simulator for electromagnetic calorimeter PHOS

## **VYSOTSKY, Mikhail (ITEP)**

Charmed penguin versus BAU

## **WALTENBERGER, Wolfgang (HEPHY Vienna)**

CMS results on SUSY/Beyond SM

## **ZHU, Hongbo (Deutsches Elektronen-Synchrotron (DE))**

ATLAS Upgrades Towards the High Luminosity LHC