

# **Russian Teachers Programme 2013**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Introduction to Particle Detectors

*Wednesday 6 November 2013 09:00 (45 minutes)*

**Presenter:** SMIRNOV, Serge (Moscow State Engineering Physics Institute (RU))

Contribution ID: 3

Type: **not specified**

## **Introduction to Accelerators (1/2)**

*Monday 4 November 2013 11:00 (45 minutes)*

**Presenter:** EROKHIN, Alexandre (Budker Institute of Nuclear Physics, Novosibirsk)

Contribution ID: 4

Type: **not specified**

## Visit to Microcosm

*Monday 4 November 2013 15:00 (1 hour)*

**Presenters:** SAVINO, Marina (Joint Inst. for Nuclear Research (RU)); ZIMINE, Nikolai (Joint Inst. for Nuclear Research (RU)); ERMOLINE, Yuri (Michigan State University (US))

Contribution ID: 5

Type: **not specified**

## Departure

*Saturday 9 November 2013 06:30 (3h 30m)*

exchange of photos (обмен фотографиями)  
rusteach@hotmail.com  
school2013

Contribution ID: 6

Type: **not specified**

## Visit to CMS

*Friday 8 November 2013 14:00 (2 hours)*

External bus will leave:  
from bld 33 at 14:00  
from CMS at 16:00

Contribution ID: 7

Type: **not specified**

## Working groups

*Monday 4 November 2013 17:30 (30 minutes)*

Contribution ID: 9

Type: **not specified**

## Welcome to the programme

*Monday 4 November 2013 09:00 (15 minutes)*

**Presenters:** Prof. BERTOLUCCI, Sergio (CERN); Prof. PAKULIAK, Stanislav (JINR (Dubna)); Prof. SAVRIN, Viktor (M.V. Lomonosov Moscow State University (RU))



Contribution ID: **10**

Type: **not specified**

## Welcome + Information Meeting

*Sunday 3 November 2013 20:00 (30 minutes)*

**Presenters:** SAVINO, Marina (JINR (Dubna)); STORR, Mick (CERN)

Contribution ID: 11

Type: **not specified**

## Introduction to CERN

*Monday 4 November 2013 10:00 (45 minutes)*

**Presenter:** SAVINO, Marina ((Joint Inst. for Nuclear Research (RU)))

Contribution ID: 12

Type: **not specified**

# Neutrino oscillations: physics beyond the Standard Model

*Thursday 7 November 2013 09:00 (45 minutes)*

**Presenter:** GORBUNOV, Dmitry (Russian Academy of Sciences (RU))

Contribution ID: **13**

Type: **not specified**

## Visit SM18

*Monday 4 November 2013 14:00 (1 hour)*

Shuttle from Bld500 at 13h50

**Presenters:** EROKHIN, Alexandre (Budker Institute of Nuclear Physics, Novosibirsk); SAVINO, Marina (JINR, Dubna); ERMOLINE, Yuri (Michigan State University (US))

Contribution ID: 14

Type: **not specified**

## Overview of the LHC Physics (search for Higgs)

*Thursday 7 November 2013 11:00 (45 minutes)*

**Presenter:** TITOV, Maksym (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 15

Type: **not specified**

## **Introduction to Particle Physics**

*Monday 4 November 2013 16:30 (45 minutes)*

**Presenter:** Dr GORBUNOV, Dmitry (Russian Academy of Sciences (RU))

Contribution ID: **16**

Type: **not specified**

## **Programme Dinner**

*Wednesday 6 November 2013 19:00 (3 hours)*

Hotel Edelweiss  
2, Place de la Navigation

**Presenter:** STORR, Mick (CERN)

Contribution ID: **18**

Type: **not specified**

## **Programme Evaluation and Close**

*Friday 8 November 2013 17:30 (30 minutes)*

**Presenter:** STORR, Mick (CERN)



Contribution ID: **19**

Type: **not specified**

## **Discover Geneva Treasure Hunt**

*Wednesday 6 November 2013 14:30 (4h 30m)*

Contribution ID: 20

Type: **not specified**

## Q/A

*Friday 8 November 2013 10:45 (1h 30m)*

**Presenters:** EROKHIN, Alexandre (AGH University of Science and Technology (PL)); TLISOV, Danila (Russian Academy of Sciences (RU)); TITOV, Maksym (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR)); ZIMINE, Nikolai (Joint Inst. for Nuclear Research (RU)); SMIRNOV, Serge (Moscow State Engineering Physics Institute (RU)); Prof. SAVRIN, Viktor (M.V. Lomonosov Moscow State University (RU)); SHELKOV, g (Joint Inst. for Nuclear Research (RU))

Contribution ID: 22

Type: **not specified**

## **LHC Computing and GRID**

*Wednesday 6 November 2013 11:00 (45 minutes)*

**Presenter:** KORENKOV, Vladimir (Joint Inst. for Nuclear Research (RU))

Contribution ID: 23

Type: **not specified**

## **Introduction to Accelerators (2/2)**

*Tuesday 5 November 2013 09:00 (45 minutes)*

**Presenter:** EROKHIN, Alexandre (Budker Institute of Nuclear Physics, Novosibirsk)

Contribution ID: 26

Type: **not specified**

## Visit Globe

*Thursday 7 November 2013 16:00 (30 minutes)*

**Presenter:** SAVINO, Marina ((Joint Inst. for Nuclear Research (RU)))

Contribution ID: 27

Type: **not specified**

## Visit CCC/AMS

*Friday 8 November 2013 16:15 (1 hour)*

1. visit to CCC
2. visit to AMS

**Presenters:** EROKHIN, Alexandre (Budker Institute for Nuclear Physics, Novosibirsk); SAVINO, Marina ((Joint Inst. for Nuclear Research (RU)))

Contribution ID: 28

Type: **not specified**

## Visit PS Complex / AD

*Thursday 7 November 2013 14:00 (1h 30m)*

Shuttle: at 13:50 from Bld 500 to PS complex (fields side) half-group, 17 pers.  
at 14:00 Bld 500 to AD the other half-group, 17 pers.

at 14:45 from PS to AD  
at 14:50 from AD to PS

**Presenters:** SAVINO, Marina (Joint Inst. for Nuclear Research (RU)); BELOCHITSKII, Pavel (CERN); GRISHIN, Slava (Institute for High Energy Physics (RU)); Dr ERMOLINE, Yuri (Michigan State University (US))

Contribution ID: 29

Type: **not specified**

## Visit Computer Centre

*Wednesday 6 November 2013 13:30 (45 minutes)*

**Presenter:** ANDREEVA, Julia (CERN)



Contribution ID: 30

Type: **not specified**

## Education Programmes at JINR

*Friday 8 November 2013 09:00 (40 minutes)*

**Presenter:** Prof. PAKULAK, Stanislav (JINR)

Contribution ID: **31**

Type: **not specified**

## **Programme Objectives**

*Monday 4 November 2013 09:20 (30 minutes)*

**Presenter:** STORR, Mick (CERN)

Contribution ID: 32

Type: **not specified**

## **Workshops in parallel: Build a Cloud Chamber and Shower of Knowledge**

*Tuesday 5 November 2013 14:00 (3 hours)*

Shuttle: 13h45 from Bld.500 to Training center (half of the group), at 13h55 from Bld.500 to Bld.6 (other half)

15h20 from training center to Bld.6 15h30 from Bld.6 to Training center

**Presenters:** STORR, Mick (CERN); SHELKOV, g (Joint Inst. for Nuclear Research (RU))

Contribution ID: 33

Type: **not specified**

## Visit to AVC

*Thursday 7 November 2013 16:45 (45 minutes)*

**Presenters:** SAVINO, Marina (ITEP Institute for Theoretical and Experimental Physics (RU)); ZIMINE, Nikolai (Joint Inst. for Nuclear Research (RU))

Contribution ID: 34

Type: **not specified**

## Cosmology

*Tuesday 5 November 2013 10:00 (45 minutes)*

**Presenter:** Dr GORBUNOV, Dmitry (Russian Academy of Sciences (RU))

Contribution ID: 35

Type: **not specified**

## Cosmic Rays

*Tuesday 5 November 2013 11:15 (45 minutes)*

**Presenter:** SHELKOV, g (Joint Inst. for Nuclear Research (RU))

Contribution ID: **36**

Type: **not specified**

## **Detector CMS**

*Thursday 7 November 2013 10:00 (45 minutes)*

**Presenter:** TLISOV, Danila (Russian Academy of Sciences (RU))

Contribution ID: 37

Type: **not specified**

## **Russia @ CERN : Past, Present and Future**

*Friday 8 November 2013 09:45 (45 minutes)*

**Presenter:** Prof. SAVRIN, Viktor (M.V. Lomonosov Moscow State University (RU))



Contribution ID: **38**

Type: **not specified**

## **Q/A session**

*Wednesday 6 November 2013 10:00 (45 minutes)*

**Presenters:** Dr EROKHIN, Alexandre (Budker Institute for Nuclear Physics, Novosibirsk); GORBUNOV, Dmitry (Russian Academy of Sciences (RU)); SMIRNOV, Serge (Moscow State Engineering Physics Institute (RU))

Contribution ID: 39

Type: **not specified**

## **20 years of discovery in particle physics and cosmology, Nobel prizes...**

*Tuesday 5 November 2013 20:00 (45 minutes)*

**Presenter:** Dr GORBUNOV, Dmitry (Russian Academy of Sciences (RU))

Contribution ID: 40

Type: **not specified**

## **Working groups**

*Tuesday 5 November 2013 17:30 (20 minutes)*

Contribution ID: 41

Type: **not specified**

## Meeting with Russian Scientific Community

*Tuesday 5 November 2013 21:00 (1h 30m)*