

# **Second High Energy Physics School in Măgurele - 2009**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome speech

**Primary author:** ALEXA, Calin (IFIN-HH, Bucharest)

**Presenter:** ALEXA, Calin (IFIN-HH, Bucharest)

Contribution ID: 2

Type: **not specified**

## **The Large Hadron Collider at CERN: the latest challenge of particle physics**

*Thursday 22 October 2009 09:05 (1 hour)*

**Primary author:** , Chiara Roda (INFN, Pisa)

**Presenter:** , Chiara Roda (INFN, Pisa)

**Session Classification:** Lectures (I)

Contribution ID: 3

Type: **not specified**

## **From ATLAS Calorimeter building to LHC first physics**

*Thursday 22 October 2009 11:05 (1 hour)*

**Primary author:** , Pascal Pralavorio (CPP Marseille)

**Presenter:** , Pascal Pralavorio (CPP Marseille)

**Session Classification:** Lectures (I)

Contribution ID: 4

Type: **not specified**

## The Super Flavour Factory project

*Thursday 22 October 2009 12:05 (1 hour)*

**Primary author:** , Achille Stocchi (LAL/IN2P3-PSud)

**Presenter:** , Achille Stocchi (LAL/IN2P3-PSud)

**Session Classification:** Lectures (I)

Contribution ID: 5

Type: **not specified**

## Physics at HERA

**Primary author:** , Cristi Diaconu (CPP Marseille)

**Presenter:** , Cristi Diaconu (CPP Marseille)

Contribution ID: 6

Type: **not specified**

## **Beyond the Standard Model (I)**

*Thursday 22 October 2009 14:00 (1 hour)*

**Primary author:** , Bogdan Dobrescu (Fermilab)

**Presenter:** , Bogdan Dobrescu (Fermilab)

**Session Classification:** Lectures (II)

Contribution ID: 7

Type: **not specified**

## String theory at the LHC

*Thursday 22 October 2009 16:00 (1 hour)*

**Primary author:** , Emilian Dudas (Ecole Polytechnique)

**Presenter:** , Emilian Dudas (Ecole Polytechnique)

**Session Classification:** Lectures (II)



Contribution ID: 8

Type: **not specified**

## Planar N=4 gauge theory

*Thursday 22 October 2009 17:00 (1 hour)*

**Primary author:** , Didina Serban (Saclay, SPhT)

**Presenter:** , Didina Serban (Saclay, SPhT)

**Session Classification:** Lectures (II)

Contribution ID: 9

Type: **not specified**

## Tools for High Energy Physics

*Friday 23 October 2009 09:40 (40 minutes)*

**Primary author:** , Gabriel Stoicea (IFIN-HH)

**Presenter:** , Gabriel Stoicea (IFIN-HH)

**Session Classification:** Lectures (III)

Contribution ID: 11

Type: **not specified**

## Searching for New Physics in heavy flavor physics

*Friday 23 October 2009 10:20 (40 minutes)*

**Primary author:** , Dan Pirjol (IFIN-HH)

**Presenter:** , Dan Pirjol (IFIN-HH)

**Session Classification:** Lectures (III)

Contribution ID: 12

Type: **not specified**

## Welcome speech

*Thursday 22 October 2009 09:00 (5 minutes)*

**Primary author:** , Calin Alexa (IFIN-HH, Bucharest)

**Presenter:** , Calin Alexa (IFIN-HH, Bucharest)

**Session Classification:** Lectures (I)

Contribution ID: 13

Type: **not specified**

## First Physics at LHC with Atlas and CMS detectors

*Thursday 22 October 2009 10:05 (1 hour)*

**Primary author:** , Ludwik Dobrzynski (LLR, Palaiseau)

**Presenter:** , Ludwik Dobrzynski (LLR, Palaiseau)

**Session Classification:** Lectures (I)

Contribution ID: 14

Type: **not specified**

## **Renormalizable noncommutative field theory**

*Friday 23 October 2009 14:00 (20 minutes)*

**Primary author:** , Adrian Tanasa (IFIN-HH)

**Presenter:** , Adrian Tanasa (IFIN-HH)

**Session Classification:** Seminars

Contribution ID: 15

Type: **not specified**

## **Aspects of string compactifications and moduli stabilisation**

*Friday 23 October 2009 14:20 (20 minutes)*

**Primary author:** , Andrei Micu (IFIN-HH)

**Presenter:** , Andrei Micu (IFIN-HH)

**Session Classification:** Seminars

Contribution ID: 16

Type: **not specified**

## **ATLAS Tile Calorimeter: status, commissioning and performances**

*Friday 23 October 2009 09:00 (40 minutes)*

**Primary author:** , Sanda Dita (IFIN-HH)

**Presenter:** , Sanda Dita (IFIN-HH)

**Session Classification:** Lectures (III)



Contribution ID: 17

Type: **not specified**

## **Higher order first integrals of motion in a gauge covariant Hamiltonian framework**

*Friday 23 October 2009 11:00 (40 minutes)*

**Primary author:** , Mihai Visinescu (IFIN-HH)

**Presenter:** , Mihai Visinescu (IFIN-HH)

**Session Classification:** Lectures (III)

Contribution ID: **18**

Type: **not specified**

## **Determination of $\alpha_s$ from hadronic tau-decays**

*Friday 23 October 2009 11:40 (40 minutes)*

**Primary author:** , Irinel Caprini (IFIN-HH)

**Presenter:** , Irinel Caprini (IFIN-HH)

**Session Classification:** Lectures (III)

Contribution ID: 19

Type: **not specified**

## Unitarity and Global Fits in Flavor Physics

*Friday 23 October 2009 12:20 (40 minutes)*

**Primary author:** , Petre Dita (IFIN-HH)

**Presenter:** , Petre Dita (IFIN-HH)

**Session Classification:** Lectures (III)

Contribution ID: 20

Type: **not specified**

## Beyond the Standard Model (II)

*Thursday 22 October 2009 15:00 (1 hour)*

**Primary author:** , Dumitru Ghilencea (CERN)

**Presenter:** , Dumitru Ghilencea (CERN)

**Session Classification:** Lectures (II)

Contribution ID: 21

Type: **not specified**

## IFIN-CPPM meeting

**Primary author:** , Calin Alexa and Pascal Pralavorio

**Presenter:** , Calin Alexa and Pascal Pralavorio

Contribution ID: 22

Type: **not specified**

## Contact interaction studies in H1 at HERA

*Friday 23 October 2009 14:40 (20 minutes)*

**Primary author:** , Marina Rotaru (IFIN-HH)

**Presenter:** , Marina Rotaru (IFIN-HH)

**Session Classification:** Seminars