

High School Teachers 2003

Report of Contributions

Contribution ID: 1

Type: **not specified**

lecture 2/2

Wednesday 2 July 2003 16:00 (1 hour)

Primary author: , Jones, Gron

Presenter: , Jones, Gron

Session Classification: Introduction to Bubble Chambers

Contribution ID: 2

Type: **not specified**

Lecture 1/2

Tuesday 1 July 2003 10:00 (45 minutes)

Primary author: BRUNING, O

Presenter: BRUNING, O

Session Classification: Introduction to Accelerators

Contribution ID: 3

Type: **not specified**

lecture 2/2

Tuesday 1 July 2003 11:00 (45 minutes)

Primary author: BRUNING, O

Presenter: BRUNING, O

Session Classification: Introduction to Accelerators

Contribution ID: 4

Type: **not specified**

Discussion

Tuesday 1 July 2003 12:00 (30 minutes)

Session Classification: Introduction to Accelerators

Contribution ID: 5

Type: **not specified**

Lecture 1/2

Thursday 3 July 2003 14:30 (45 minutes)

Primary author: , Krauss, F

Presenter: , Krauss, F

Session Classification: Quantum Mechanics and Particle Physics

Contribution ID: 6

Type: **not specified**

lecture 2/2

Thursday 3 July 2003 15:15 (45 minutes)

Primary author: , Krauss, F

Presenter: , Krauss, F

Session Classification: Quantum Mechanics and Particle Physics

Contribution ID: 7

Type: **not specified**

Discussion

Thursday 3 July 2003 16:30 (30 minutes)

Session Classification: Quantum Mechanics and Particle Physics

Contribution ID: 8

Type: **not specified**

Lecture 1/2

Monday 7 July 2003 09:00 (45 minutes)

Primary author: , Werthenbach, Anja

Presenter: , Werthenbach, Anja

Session Classification: Introduction to the Standard Model

Contribution ID: 9

Type: **not specified**

lecture 2/2

Monday 7 July 2003 10:00 (45 minutes)

Primary author: , Werthenbach, Anja

Presenter: , Werthenbach, Anja

Session Classification: Introduction to the Standard Model

Contribution ID: **10**

Type: **not specified**

Discussion

Monday 7 July 2003 11:00 (30 minutes)

Session Classification: Introduction to the Standard Model

Contribution ID: 11

Type: **not specified**

Feynamn Diagrams in the classroom

Monday 7 July 2003 11:45 (45 minutes)

Primary author: , Dunne, Peter

Presenter: , Dunne, Peter

Session Classification: Introduction to the Standard Model

Contribution ID: 12

Type: **not specified**

Welcome to CERN

Monday 30 June 2003 09:00 (15 minutes)

Primary author: MAIANI, LUCIANO (CERN, Director General)

Presenter: MAIANI, LUCIANO (CERN, Director General)

Session Classification: Registration and Welcome

Contribution ID: **13**

Type: **not specified**

Lecture

Tuesday 8 July 2003 09:00 (1 hour)

Primary author: ROSSI, L. (CERN, LHC)

Presenter: ROSSI, L. (CERN, LHC)

Session Classification: Introduction to Superconductivity and LHC magnets

Contribution ID: 14

Type: **not specified**

Discussion

Tuesday 8 July 2003 10:00 (30 minutes)

Session Classification: Introduction to Superconductivity and LHC magnets

Contribution ID: 15

Type: **not specified**

Introduction to antimatter

Wednesday 9 July 2003 14:00 (1 hour)

Primary author: LANDUA, Rolf (CERN)

Presenter: LANDUA, Rolf (CERN)

Session Classification: Anti Matter at CERN

Contribution ID: **16**

Type: **not specified**

Discussion

Wednesday 9 July 2003 15:00 (30 minutes)

Session Classification: Anti Matter at CERN

Contribution ID: 17

Type: **not specified**

Visit to Antimatter Experiments at CERN

Wednesday 9 July 2003 15:30 (1h 30m)

Visit to the PS complex and the Antiproton Decelerator Hall.

Primary author: MARCO MARCHESOTTI, SASCHA SCHMELING (CERN)

Presenter: MARCO MARCHESOTTI, SASCHA SCHMELING (CERN)

Session Classification: Anti Matter at CERN

Contribution ID: **18**

Type: **not specified**

Lecture 1/2

Thursday 10 July 2003 09:00 (45 minutes)

Primary author: VAN DER SCHAAR, JP (CERN TH)

Presenter: VAN DER SCHAAR, JP (CERN TH)

Session Classification: Astronomy, Cosmology, and Particle Physics

Contribution ID: **19**

Type: **not specified**

lecture 2/2

Thursday 10 July 2003 10:00 (45 minutes)

Primary author: VAN DER SCHAAR, JP

Presenter: VAN DER SCHAAR, JP

Session Classification: Astronomy, Cosmology, and Particle Physics

Contribution ID: **20**

Type: **not specified**

Discussion

Thursday 10 July 2003 11:00 (30 minutes)

Session Classification: Astronomy, Cosmology, and Particle Physics

Contribution ID: 21

Type: **not specified**

Alumini WG

Friday 18 July 2003 16:00 (30 minutes)

Primary author: RITA, DICK

Presenter: RITA, DICK

Session Classification: REPORTS from the Working groups, and Workshop evaluation

Contribution ID: 22

Type: **not specified**

Lecture

Tuesday 15 July 2003 09:00 (1 hour)

Primary author: DAR, ARNON (Technion, Haifa (Israel) and CERN-TH)

Presenter: DAR, ARNON (Technion, Haifa (Israel) and CERN-TH)

Session Classification: The Physics of Cosmic Rays

Contribution ID: 23

Type: **not specified**

Discussion

Tuesday 15 July 2003 10:00 (30 minutes)

Session Classification: The Physics of Cosmic Rays

Contribution ID: 24

Type: **not specified**

Introduction to CERN

Monday 30 June 2003 14:00 (45 minutes)

Primary author: SCHMELING, S.

Presenter: SCHMELING, S.

Session Classification: Visit to CMS

Contribution ID: 25

Type: **not specified**

Visit to PCR and CMS

Monday 30 June 2003 15:00 (3 hours)

Leaving CERN 15:00 sharp

Have to leave CMS at 17:30 sharp

Primary author: FUCHS, U., HIRSTIUS, A., LISTER, A., SCHMELING, S.

Presenter: FUCHS, U., HIRSTIUS, A., LISTER, A., SCHMELING, S.

Session Classification: Visit to CMS

Contribution ID: 26

Type: **not specified**

Cloud Chamber experiments in the classroom, Introduction

Friday 4 July 2003 15:15 (30 minutes)

Primary author: , Schuh, Silvia (CERN, EP)

Presenter: , Schuh, Silvia (CERN, EP)

Session Classification: More project proposals

Contribution ID: 27

Type: **not specified**

CERN's communication project: "Ask an Expert"

Friday 4 July 2003 14:00 (30 minutes)

Primary author: , De Pasquale, Monica (CERN, ETT)

Presenter: , De Pasquale, Monica (CERN, ETT)

Session Classification: More project proposals

Contribution ID: 28

Type: **not specified**

Introduction to the accelerator workshop

Friday 4 July 2003 14:30 (30 minutes)

Darren and Phil will introduce the goals of the hands-on activities related to accelerators that they have prepared for the teachers. Only about 18 teachers will be able to join this activity. Those who will not follow this workshop will be able to join the cloud chamber construction activity (see Introduction by Silvia on Friday), in addition to working in other WG's. Reports at the end of the work will present the results to all other hst's

Primary author: CAROLLO, DARREN; COOPER, PHIL

Presenter: CAROLLO, DARREN; COOPER, PHIL

Session Classification: More project proposals

Contribution ID: 29

Type: **not specified**

Introduction to CERN's Microcosm

Thursday 3 July 2003 14:00 (15 minutes)

Primary author: , Sanders, E. (CERN)

Presenter: , Sanders, E. (CERN)

Session Classification: Introduction to ETT Education and Communication Service

Contribution ID: **30**

Type: **not specified**

Overview

Thursday 3 July 2003 13:45 (15 minutes)

Primary author: , James Gillies

Presenter: , James Gillies

Session Classification: Introduction to ETT Education and Communication Service

Contribution ID: 31

Type: **not specified**

Introduction

Monday 7 July 2003 12:45 (30 minutes)

Michelangelo will set the goals of this WG.

Primary author: M. MANGANO

Presenter: M. MANGANO

Session Classification: AlumniWG

Contribution ID: 32

Type: **not specified**

Results and strategy

Monday 7 July 2003 14:00 (2 hours)

Wim presents a summary of the results of the questionnaire. We will discuss a working strategy and a time schedule.

Primary author: , Wim Peeters

Presenter: , Wim Peeters

Session Classification: AlumniWG

Contribution ID: 33

Type: **not specified**

Introduction to the Programme

Tuesday 1 July 2003 09:00 (45 minutes)

Primary author: , michelangelo.mangano@cern.ch

Presenter: , michelangelo.mangano@cern.ch

Session Classification: Introduction

Contribution ID: **34**

Type: **not specified**

3rd meeting

Wednesday 9 July 2003 13:00 (2 hours)

Primary author: PEETERS,WIM

Presenter: PEETERS,WIM

Session Classification: AlumniWG

Contribution ID: 35

Type: **not specified**

4th meeting

Thursday 10 July 2003 11:00 (1h 30m)

Primary author: PEETERS, WIM

Presenter: PEETERS, WIM

Session Classification: AlumniWG

Contribution ID: **36**

Type: **not specified**

5th meeting

Friday 11 July 2003 13:30 (2 hours)

Primary author: PEETERS, WIM

Presenter: PEETERS, WIM

Session Classification: AlumniWG

Contribution ID: 37

Type: **not specified**

Introduction to HEP experiments, 1/2

Tuesday 1 July 2003 14:00 (45 minutes)

Primary author: , Schmeling, S

Presenter: , Schmeling, S

Session Classification: Introduction to HEP Experiments

Contribution ID: **38**

Type: **not specified**

Introduction to HEP experiments, 2/2

Tuesday 1 July 2003 15:00 (45 minutes)

Primary author: , Schmeling, S

Presenter: , Schmeling, S

Session Classification: Introduction to HEP Experiments

Contribution ID: **39**

Type: **not specified**

Discussion

Tuesday 1 July 2003 16:00 (30 minutes)

Session Classification: Introduction to HEP Experiments

Contribution ID: 40

Type: **not specified**

Lecture 1/2

Wednesday 2 July 2003 09:00 (1 hour)

Primary author: , Jones, Gron

Presenter: , Jones, Gron

Session Classification: Introduction to Bubble Chambers

Contribution ID: 41

Type: **not specified**

Introduction to CERN

Wednesday 2 July 2003 10:15 (1h 45m)

Primary author: , L. Maiani

Presenter: , L. Maiani

Session Classification: Summer Student Lectures

Contribution ID: 42

Type: **not specified**

Introduction to Particle Physics 1-2/4

Thursday 3 July 2003 09:15 (1h 45m)

Primary author: , Di Lella, Luigi

Presenter: , Di Lella, Luigi

Session Classification: Summer Student Lectures

Contribution ID: 43

Type: **not specified**

Detectors for HEP, 1/5

Thursday 3 July 2003 11:00 (45 minutes)

Primary author: JORAM, C.

Presenter: JORAM, C.

Session Classification: Summer Student Lectures

Contribution ID: 44

Type: **not specified**

Introduction to Particle Physics 3/4

Friday 4 July 2003 09:15 (45 minutes)

Primary author: , Di Lella, Luigi

Presenter: , Di Lella, Luigi

Session Classification: Summer Student Lectures

Contribution ID: 45

Type: **not specified**

Detectors for HEP, 2/5

Friday 4 July 2003 10:15 (45 minutes)

Primary author: JORAM, C.

Presenter: JORAM, C.

Session Classification: Summer Student Lectures