

USPAS - Superconducting Magnets for Particle Accelerators

Report of Contributions

Contribution ID: 0

Type: **not specified**

Unit 1 - Introduction

Monday 22 June 2015 09:00 (30 minutes)

Presenter: FERRACIN, Paolo (CERN)

Contribution ID: 1

Type: **not specified**

Unit 2 - Magnet specifications

Monday 22 June 2015 09:30 (1h 30m)

Presenter: TODESCO, Ezio (CERN)

Contribution ID: 2

Type: **not specified**

Unit 4 - Practical superconductors

Monday 22 June 2015 14:00 (1h 30m)

Presenter: FERRACIN, Paolo (CERN)

Contribution ID: 3

Type: **not specified**

Unit 5 - Field harmonics

Monday 22 June 2015 15:30 (1h 30m)

Presenter: TODESCO, Ezio (CERN)

Contribution ID: 4

Type: **not specified**

Unit 8 - Electromagnetic design Episode I

Tuesday 23 June 2015 11:00 (1 hour)

Presenter: TODESCO, Ezio (CERN)

Contribution ID: 5

Type: **not specified**

Unit 9 - Electromagnetic design Episode II

Tuesday 23 June 2015 14:00 (1h 30m)

Presenter: TODESCO, Ezio (CERN)

Contribution ID: 6

Type: **not specified**

Unit 10 - Lorentz forces and stresses

Tuesday 23 June 2015 15:30 (1h 30m)

Presenter: FERRACIN, Paolo (CERN)

Contribution ID: 7

Type: **not specified**

Unit 11 - Electromagnetic design Episode III

Wednesday 24 June 2015 09:00 (1 hour)

Presenter: TODESCO, Ezio (CERN)

Contribution ID: 8

Type: **not specified**

Unit 13 - Construction methods and support structures Episode I

Wednesday 24 June 2015 11:00 (1 hour)

Presenter: FERRACIN, Paolo (CERN)

Contribution ID: 9

Type: **not specified**

Unit 14 - Construction methods and support structures - Episode II

Wednesday 24 June 2015 14:00 (1h 30m)

Presenter: FERRACIN, Paolo (CERN)

Contribution ID: **10**

Type: **not specified**

Unit 16 - Degradation and training Episode I

Thursday 25 June 2015 09:00 (1 hour)

Presenter: FERRACIN, Paolo (CERN)

Contribution ID: 11

Type: **not specified**

Unit 17 - Degradation and training Episode II

Thursday 25 June 2015 10:00 (1 hour)

Presenter: FERRACIN, Paolo (CERN)

Contribution ID: 12

Type: **not specified**

Unit 18 - Persistent current and dynamic effects

Thursday 25 June 2015 11:00 (1 hour)

Presenter: TODESCO, Ezio (CERN)

Contribution ID: 13

Type: **not specified**

Unit 19 - Measurements of strain, stress and coil mechanical properties

Thursday 25 June 2015 14:00 (1 hour)

Presenter: FERRACIN, Paolo (CERN)

Contribution ID: 14

Type: **not specified**

Unit 20 - Field model versus measurements

Thursday 25 June 2015 15:00 (1 hour)

Presenter: TODESCO, Ezio (CERN)

Contribution ID: 15

Type: **not specified**

Unit 21 - magnetic measurements and tools to control the production

Thursday 25 June 2015 16:00 (1 hour)

Presenter: TODESCO, Ezio (CERN)

Contribution ID: 16

Type: **not specified**

Unit 3 - Basics of superconductivity

Monday 22 June 2015 11:00 (1h 30m)

Presenter: PRESTEMON, Soren (LBNL)

Contribution ID: 17

Type: **not specified**

Unit 6 - Flux jumps and motion in superconductors

Tuesday 23 June 2015 09:00 (1 hour)

Presenter: PRESTEMON, Soren (LBNL)

Contribution ID: **18**

Type: **not specified**

Unit 7 - AC losses in superconductors

Tuesday 23 June 2015 10:00 (1 hour)

Presenter: PRESTEMON, Soren (LBNL)

Contribution ID: 19

Type: **not specified**

Unit 12 - Protection of superconducting accelerator magnets Episode I

Wednesday 24 June 2015 10:00 (1 hour)

Presenter: PRESTEMON, Soren (LBNL)

Contribution ID: 20

Type: **not specified**

Unit 15 - Protection of superconducting magnets Episode II

Wednesday 24 June 2015 15:30 (1h 30m)

Presenter: PRESTEMON, Soren (LBNL)

Contribution ID: **21**

Type: **not specified**

Unit 22 - The LHC magnets during operation

Thursday 25 June 2015 17:00 (1 hour)

Presenter: TODESCO, Ezio (CERN)