

Superconducting Technologies for the Next Generation of Accelerators



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome Speech

Tuesday, December 4, 2012 10:00 AM (15 minutes)

Presenter: BORDRY, Frederick (CERN - Head, Technology Department)

Contribution ID: 1

Type: **not specified**

The TIARA Project

Tuesday, December 4, 2012 10:15 AM (25 minutes)

Presenter: ALEKSAN, Roy (CPPM/IN2P3-CNRS and DAPNIA-CEA)

Contribution ID: 2

Type: **not specified**

The HILUMI Project

Tuesday, December 4, 2012 10:45 AM (25 minutes)

Presenter: ROSSI, Lucio (CERN)

Contribution ID: 3

Type: **not specified**

Introducing the ESS

Tuesday, December 4, 2012 11:15 AM (25 minutes)

Presenter: GIOBATTÀ, LANFRANCO

Contribution ID: 4

Type: **not specified**

Knowledge Transfer at CERN

Tuesday, December 4, 2012 11:45 AM (25 minutes)

Presenter: ANELLI, Giovanni (CERN - Head of Knowledge Transfer)

Contribution ID: 7

Type: **not specified**

General Discussion and Wrap-up

Wednesday, December 5, 2012 4:00 PM (30 minutes)

Presenters: ROSSI, Lucio (CERN); Dr ALEKSAN, Roy (CPPM/IN2P3-CNRS and DAPNIA-CEA)

Contribution ID: 11

Type: **not specified**

Magnets for the Upgrade of the CERN Accelerator Complex

Tuesday, December 4, 2012 2:00 PM (20 minutes)

Presenter: BOTTURA, Luca (CERN)

Contribution ID: 13

Type: **not specified**

Superconducting Materials and Magnets Technology at Oxford Instruments

Tuesday, December 4, 2012 2:25 PM (10 minutes)

Presenter: MELHEM, Ziad (Oxford Instruments)

Contribution ID: 15

Type: **not specified**

Nb₃Sn Coil Production and the 11T Dipole

Tuesday, December 4, 2012 2:40 PM (20 minutes)

Presenter: KARPPINEN, Mikko (CERN)

Contribution ID: 17

Type: **not specified**

Tesla Engineering Ltd. Superconducting Magnet Design & Manufacture

Tuesday, December 4, 2012 3:05 PM (10 minutes)

Presenter: BATES, Stephen (Tesla Engineering Ltd.)

Contribution ID: **19**

Type: **not specified**

Insulation Material for Magnets

Tuesday, December 4, 2012 3:20 PM (20 minutes)

Presenters: SMEKENS, David (CERN); FESSIA, Paolo (CERN)

Contribution ID: 21

Type: **not specified**

Insulation and the Effect of Radiation

Tuesday, December 4, 2012 4:30 PM (20 minutes)

Presenter: CANFER, Simon (STFC)

Contribution ID: 23

Type: **not specified**

Magnet Assembly Techniques

Tuesday, December 4, 2012 4:55 PM (20 minutes)

Presenter: KIRBY, Glyn (CERN)

Contribution ID: 25

Type: **not specified**

Projects and Development Activities at Babcock Noell

Tuesday, December 4, 2012 5:20 PM (10 minutes)

Presenter: WALTER, Wolfgang (Babcock Noell GmbH)

Contribution ID: 27

Type: **not specified**

Accelerator Magnet Technology - R&D at Danfysik

Tuesday, December 4, 2012 5:35 PM (10 minutes)

Presenter: BAURICHTER, Arnd (Danfysik A/S)

Contribution ID: 29

Type: **not specified**

Machining and Pressing of Components

Tuesday, December 4, 2012 5:50 PM (10 minutes)

Presenter: ALLEN, Paul (H.V. Wooding Ltd.)

Contribution ID: **32**

Type: **not specified**

Crab Cavities for LHC Luminosity Upgrade

Wednesday, December 5, 2012 8:30 AM (20 minutes)

Presenter: CALAGA, Rama (CERN)

Contribution ID: **34**

Type: **not specified**

Infrastructure for SC Cavities Production at Ettore Zanon s.p.a.

Wednesday, December 5, 2012 8:55 AM (10 minutes)

Presenter: CORNIANI, Giorgio (Ettore Zanon s.p.a.)

Contribution ID: 36

Type: **not specified**

Superconducting RF Activities at RI Research Instruments GmbH with a Focus on XFEL

Wednesday, December 5, 2012 9:10 AM (10 minutes)

Presenter: PEINIGER, Michael (RI Research Instruments GmbH)

Contribution ID: 39

Type: **not specified**

History and Potential of Thin Film Technology for SC Cavities

Wednesday, December 5, 2012 9:25 AM (20 minutes)

Presenter: CALATRONI, Sergio (CERN)

Contribution ID: 41

Type: **not specified**

Manufacturing of Niobium Superconductive Cavities at SDMS

Wednesday, December 5, 2012 9:50 AM (10 minutes)

Presenter: SCHUMMER, Pascal (SDMS Technologies)

Contribution ID: 43

Type: **not specified**

Manufacturing of Niobium Superconductive Cavities at SDMS

Presenter: SCHUMMER, Pascal (SDMS Technologies)

Contribution ID: 45

Type: **not specified**

Challenges in RF Fundamental Power Coupler (FPC) Technology

Wednesday, December 5, 2012 10:30 AM (20 minutes)

Presenter: MONTESINOS, Eric (CERN)

Contribution ID: 47

Type: **not specified**

Marie Curie Industry-Academia Partnerships and Pathways (IAPP) Opportunities

Wednesday, December 5, 2012 10:55 AM (20 minutes)

Presenter: BEJAR ALONSO, Isabel (CERN - Deputy Technical Coordinator, Quality and Risk Management Coordinator)

Contribution ID: 49

Type: **not specified**

The Superconducting cavities of the European Spallation Source

Wednesday, December 5, 2012 11:20 AM (20 minutes)

Presenter: BOUSSON, Sebastien (CNRS/IN2P3/IPN Orsay)

Contribution ID: 51

Type: **not specified**

The PIGES Association

Wednesday, December 5, 2012 11:45 AM (10 minutes)

Presenter: LANCELOT, Jean-Luc (SIGMAPHI)

Contribution ID: 53

Type: **not specified**

New Applications of Cryostats

Wednesday, December 5, 2012 2:00 PM (20 minutes)

Presenter: PARMA, Vittorio (CERN)

Contribution ID: 55

Type: **not specified**

The ESS Cryomodules

Wednesday, December 5, 2012 2:25 PM (20 minutes)

Presenter: DARVE, Christine (European Spallation Source)

Contribution ID: 57

Type: **not specified**

Flexible Transfer Lines and Superconducting Links

Wednesday, December 5, 2012 2:50 PM (20 minutes)

Presenter: BALLARINO, Amalia (CERN)

Contribution ID: 59

Type: **not specified**

Last Advancements and Analysis of Superconducting Cables and Links for Grids and Industrial Applications

Wednesday, December 5, 2012 3:15 PM (10 minutes)

Presenter: BRUZEC, Christian-Eric (NEXANS)

Contribution ID: **61**

Type: **not specified**

MgB2 Superconducting Wire Development

Wednesday, December 5, 2012 3:30 PM (10 minutes)

Presenter: GRASSO, Giovanni (Columbus Superconductors)

Contribution ID: 63

Type: **not specified**

Experience in Applications for Scientific Research and Cryogenic Devices

Wednesday, December 5, 2012 3:45 PM (10 minutes)

Presenter: FASO, Diego (CECOM Srl)