

Accelerators for Accelerator Driven Systems



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Thursday 20 March 2014 09:00 (5 minutes)

Presenter: BORDRY, Frederick (CERN)

Session Classification: Session 1

Contribution ID: 1

Type: **not specified**

General introduction

Thursday 20 March 2014 09:10 (20 minutes)

Presenter: GARBIL, Roger (European Commission)

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

Overview of ADS

Thursday 20 March 2014 09:30 (45 minutes)

Presenter: REVOL, Jean-Pierre (Centro Studi e Ricerche Enrico Fermi (IT))

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

Accelerators for ADS

Thursday 20 March 2014 10:15 (25 minutes)

Presenter: SEIDEL, Mike (PSI)

Session Classification: Session 1

Contribution ID: 4

Type: **not specified**

Status of the MYRRHA project

Thursday 20 March 2014 10:40 (25 minutes)

Presenter: VANDEPLASSCHE, Dirk (SCK-CEN)

Session Classification: Session 1

Contribution ID: 5

Type: **not specified**

Status of the construction of ESS

Thursday 20 March 2014 11:25 (25 minutes)

Presenter: ESHRAQI, Mohammad (ESS - European Spallation Source (SE))

Session Classification: Session 1

Contribution ID: 6

Type: **not specified**

Status and plans of the SPL R&D

Thursday 20 March 2014 11:50 (25 minutes)

Presenter: GAROBY, Roland (CERN)

Session Classification: Session 1

Contribution ID: 7

Type: **not specified**

Overview of the EuCARD2/AccApplic activities

Thursday 20 March 2014 12:15 (20 minutes)

Presenter: EDGECOCK, Rob (STFC - Rutherford Appleton Lab. (GB))

Session Classification: Session 1

Contribution ID: 8

Type: **not specified**

Overview of the MAX activities & possible H2020 prospects

Thursday 20 March 2014 12:35 (20 minutes)

Presenter: BIARROTTE, Jean-Luc (IPNO)

Session Classification: Session 1

Contribution ID: 9

Type: **not specified**

Session 2: Beams, simulations & experiments

Contribution ID: **10**

Type: **not specified**

Zero-current longitudinal beam dynamics

Thursday 20 March 2014 14:30 (25 minutes)

Presenter: LAGNIEL, Jean-Michel (GANIL)

Session Classification: Session 2: Beams, simulations & experiments

Contribution ID: 11

Type: **not specified**

On the choice of linac parameters for minimal beam losses

Thursday 20 March 2014 14:55 (20 minutes)

Presenter: ESHRAQI, Mohammad (ESS - European Spallation Source (SE))

Session Classification: Session 2: Beams, simulations & experiments

Contribution ID: 12

Type: **not specified**

Fault tolerance in the Myrrha SC linac

Thursday 20 March 2014 15:15 (25 minutes)

Presenter: BOULY, Frederic (LPSC)

Session Classification: Session 2: Beams, simulations & experiments

Contribution ID: 13

Type: **not specified**

The virtual accelerator concept

Thursday 20 March 2014 15:40 (20 minutes)

Presenter: URIOT, Didier (CEA)

Session Classification: Session 2: Beams, simulations & experiments

Contribution ID: 14

Type: **not specified**

LEBT lines: simulations and experimental results

Thursday 20 March 2014 16:50 (25 minutes)

Presenter: CHAUVIN, Nicolas (CEA)

Session Classification: Session 2: Beams, simulations & experiments

Contribution ID: 15

Type: **not specified**

The Myrrha LEBT test stand

Thursday 20 March 2014 17:15 (20 minutes)

Presenter: SALEMME, Roberto (SCK*CEN)

Session Classification: Session 2: Beams, simulations & experiments

Contribution ID: 16

Type: **not specified**

Linac4 commissioning results

Thursday 20 March 2014 17:35 (25 minutes)

Presenter: LALLEMENT, Jean-Baptiste (CERN)

Session Classification: Session 2: Beams, simulations & experiments

Contribution ID: 17

Type: **not specified**

The MAX injector R&D

Friday 21 March 2014 09:00 (25 minutes)

Presenter: MÄDER, Dominik (IAP)

Session Classification: Session 3: R&D on cavities, RF & cryogenics

Contribution ID: **18**

Type: **not specified**

The Myrrha spoke cryomodule

Friday 21 March 2014 09:25 (25 minutes)

Presenter: SAUGNAC, Hervé (Institut de Physique Nucleaire d'Orsay)

Session Classification: Session 3: R&D on cavities, RF & cryogenics

Contribution ID: **19**

Type: **not specified**

Development of 700MHz SS amplifiers

Friday 21 March 2014 09:50 (20 minutes)

Presenter: SIERRA, Serge (TED)

Session Classification: Session 3: R&D on cavities, RF & cryogenics

Contribution ID: 20

Type: **not specified**

DLLRF for reliability-oriented linacs

Friday 21 March 2014 10:10 (20 minutes)

Presenter: JOLY, Christophe (Institut de Physique Nucléaire d'ORSAY (IN2P3-CNRS))

Session Classification: Session 3: R&D on cavities, RF & cryogenics

Contribution ID: 21

Type: **not specified**

Commissioning of the MAX 700MHz test stand

Friday 21 March 2014 11:00 (20 minutes)

Presenter: EL YAKOUBI, Marouan (IPNO)

Session Classification: Session 3: R&D on cavities, RF & cryogenics

Contribution ID: 22

Type: **not specified**

C&C activities for cold tuning systems

Friday 21 March 2014 11:20 (25 minutes)

Presenter: MARTÍN HOYO, Isaias (ADEX)

Session Classification: Session 3: R&D on cavities, RF & cryogenics

Contribution ID: 23

Type: **not specified**

R&D plans on multipacting

Friday 21 March 2014 11:45 (20 minutes)

Presenter: GOMEZ, Yolanda (LPSC)

Session Classification: Session 3: R&D on cavities, RF & cryogenics

Contribution ID: 24

Type: **not specified**

Approach for a reliable cryogenic system

Friday 21 March 2014 12:05 (25 minutes)

Presenter: JUNQUERA, Tomas (ACS)

Session Classification: Session 3: R&D on cavities, RF & cryogenics

Contribution ID: 25

Type: **not specified**

Beam diagnostics development needs for ADS

Friday 21 March 2014 14:00 (20 minutes)

Presenter: VANDEPLASSCHE, Dirk (SCK*CEN)

Session Classification: Session 4: Diagnostics, reliability, possible synergies

Contribution ID: 26

Type: **not specified**

Reliability modeling of an ADS accelerator

Friday 21 March 2014 14:35 (20 minutes)

Presenter: PITIGOÏ, Adrian (EA)

Session Classification: Session 4: Diagnostics, reliability, possible synergies

Contribution ID: 27

Type: **not specified**

Accelerator R&D roadmap for Myrrha

Friday 21 March 2014 14:55 (25 minutes)

Presenter: MEDEIROS ROMAO, Luis (S)

Session Classification: Session 4: Diagnostics, reliability, possible synergies

Contribution ID: 28

Type: **not specified**

Open discussion on possible synergies

Friday 21 March 2014 15:50 (1 hour)

Session Classification: Session 4: Diagnostics, reliability, possible synergies

Contribution ID: 29

Type: **not specified**

Close out

Friday 21 March 2014 16:50 (10 minutes)

Session Classification: Session 4: Diagnostics, reliability, possible synergies

Contribution ID: **30**

Type: **not specified**

Accelerator reliability (in the MYRRHA framework)

Presenter: PLESKO, Mark (Cosylab)

Contribution ID: 31

Type: **not specified**

C&C strategies for accelerator reliability

Friday 21 March 2014 14:20 (15 minutes)

Presenter: PLESKO, Mark (Cosylab)

Session Classification: Session 4: Diagnostics, reliability, possible synergies

Contribution ID: 32

Type: **not specified**

CEA proposition for SARAF-phase 2 linac –Design et beam dynamics

Thursday 20 March 2014 16:30 (20 minutes)

Presenter: PICHOFF, Nicolas (CEA)

Session Classification: Session 2: Beams, simulations & experiments

Contribution ID: 33

Type: **not specified**

Welcome from the EuCARD-2 Coordinator

Thursday 20 March 2014 09:05 (5 minutes)

Presenter: VRETENAR, Maurizio (CERN)

Session Classification: Session 1