Beam Dynamics Mini-Workshop on Deflecting/Crabbing Cavity Research and Applications in Accelerators

Report of Contributions

Contribution ID: **0**   Type: **not specified**

Working Group 1: Cavity-Beam Interaction (Robert Rimmer)

Thursday, 19 July 2012 13:30 (1h 30m)

Contribution ID: **1** Type: **not specified**

Working Group 1: Cavity-Beam Interaction (Graeme Burt)

Thursday, 19 July 2012 15:30 (1 hour)

Contribution ID: **2** Type: **not specified**

Working Group 2: Cavity Design: coupler, Damper and Optimization (K. Hosoyama)

Thursday, 19 July 2012 16:30 (1h 15m)

Contribution ID: **3**   Type: **not specified**

Working Group 2: Cavity Design Coupler, Damper and Optimization (Genfa WU)

Contribution ID: **4** Type: **not specified**

Tour of IMP Facility

Friday, 20 July 2012 10:50 (1h 10m)

Contribution ID: **5** Type: **not specified**

Welcome Speech

Presenter: Dr XIAO, Guoqing (Institute of Modern Physics, Director)

Contribution ID: **6** Type: **not specified**

Registration

Wednesday, 18 July 2012 08:30 (30 minutes)

Contribution ID: **9** Type: **not specified**

Welcome

Wednesday, 18 July 2012 09:00 (10 minutes)

Presenter: Dr XIAO, Guoqing

Session Classification: Plenary Session

Contribution ID: **10** Type: **not specified**

Accelerator activities at IMP

Wednesday, 18 July 2012 09:20 (30 minutes)

Presenter: Dr ZHAO, Hongwei

Session Classification: Plenary Session

Contribution ID: **11**   Type: **not specified**

Science of Short Pulse x-rays in Light Sources

Wednesday, 18 July 2012 09:50 (40 minutes)

Primary author: Dr NASSIRI, Ali (ANL)

Presenter: Dr NASSIRI, Ali (ANL)

Session Classification: Plenary Session

Contribution ID: **12**   Type: **not specified**

LHC Luminosity Upgrade and Deflecting Cavities Strategy

Wednesday, 18 July 2012 11:00 (30 minutes)

Presenter: Dr CALAGA, Rama

Session Classification: Plenary Session

Beam Dynamics ... / Report of Contributions   LHC Luminosity Upgrade and Def ...

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Contribution ID: **13** Type: **not specified**

Program Overview

Wednesday, 18 July 2012 09:10 (10 minutes)

Presenter: LI, Derun (LBNL)

Session Classification: Plenary Session

Contribution ID: **15**
Type: **not specified**

Experiences with KEK-B Crab cavity

Wednesday, 18 July 2012 11:30 (30 minutes)

Presenter: Prof. HOSOYAMA, Kenji (KEK)

Session Classification: Plenary Session

Contribution ID: **16**   Type: **not specified**

Deflecting cavities development in UK

Wednesday, 18 July 2012 13:30 (30 minutes)

Presenter: Dr BURT, Graeme

Session Classification: Plenary Session

Contribution ID: **17**   Type: **not specified**

Compact TEM-type deflecting cavities

Wednesday, 18 July 2012 14:00 (30 minutes)

Presenter: Prof. DELAYEN, Jean (ODU)

Session Classification: Plenary Session

Contribution ID: **18**   Type: **not specified**

Emittance-exchange-based high harmonic generation scheme for FEL

Wednesday, 18 July 2012 14:30 (30 minutes)

Presenter: Dr JIANG, Bocheng (SINAP)

Session Classification: Plenary Session

Contribution ID: **19** Type: **not specified**

The Theory of Beam Manipulation and Emittance Exchange

Wednesday, 18 July 2012 15:20 (30 minutes)

Presenter: Prof. KIM, Kwang-Je

Session Classification: Plenary Session

Contribution ID: **20** Type: **not specified**

Beam Dynamics of Chirp Scheme in Storage Rings

Wednesday, 18 July 2012 15:50 (30 minutes)

Presenter: Dr SAJEAV, Vadim

Session Classification: Plenary Session

Contribution ID: **21**   Type: **not specified**

Clic Crab Cavities

Presenter: Dr AMBATTU, Praveen

Contribution ID: **22** Type: **not specified**

ANL Wakefield Accelerator Facility Update

Friday, 20 July 2012 09:00 (30 minutes)

Presenter: Dr GAI, Wei

Session Classification: Plenary Session

Contribution ID: **23** Type: **not specified**

Accelerator Activities at Tsinghua University

Friday, 20 July 2012 09:30 (30 minutes)

Presenter: Prof. HUANG, Wenhui

Session Classification: Plenary Session

Contribution ID: **24** Type: **not specified**

Experimental Studies for ILC and CLIC Crab Cavity System

Friday, 20 July 2012 10:00 (30 minutes)

Presenter: Dr AMBATTU, Praveen

Session Classification: Plenary Session

Contribution ID: **25**   Type: **not specified**

Status of the SPX R&D (SPX0)

Presenter: Dr WU, Genfa

Contribution ID: **26**   Type: **not specified**

Advanced Simulations Techniques of Deflecting/Crabbing Cavites

Thursday, 19 July 2012 11:00 (30 minutes)

Presenter: Dr LI, Zenghai

Session Classification: Plenary Session

Contribution ID: **27** Type: **not specified**

Wakefield/Impedance Considerations for APS and LHC Crab Cavities

Friday, 20 July 2012 14:30 (30 minutes)

Presenter: Mr WANG, Haipeng

Session Classification: Plenary Session

Contribution ID: **28**   Type: **not specified**

Advanced Simulation Techniques and Multipactoring Simulations

Thursday, 19 July 2012 11:30 (30 minutes)

Presenter: Dr ZHOU, Chuandong (Tech-X Corporation)

Session Classification: Plenary Session

Contribution ID: **29**   Type: **not specified**

SPX Cavities and Cryomodule Development

Friday, 20 July 2012 14:00 (30 minutes)

Presenter: Dr RIMMER, Robert

Session Classification: Plenary Session

Contribution ID: **30** Type: **not specified**

Closing Remarks

Friday, 20 July 2012 15:00 (15 minutes)

Presenters: Dr NASSIRI, Ali (ANL); LI, Derun (LBNL); Dr CHEN, Huaibi (Tsinghua University); Dr HE, Yuan (IMP)

Session Classification: Plenary Session

Contribution ID: **32**   Type: **not specified**

Applications of deflecting cavities in x-ray free electron lasers

Wednesday, 18 July 2012 16:20 (30 minutes)

Presenter: Dr DING, Yuantao (SLAC)

Session Classification: Plenary Session

Contribution ID: **33** Type: **not specified**

Clic Crab Cavities

Contribution ID: **34**   Type: **not specified**

Clic Crab Cavities

Primary author: Dr AMBATTU, Praveen (Lancaster University)

Contribution ID: **35** Type: **not specified**

Status of the SPX R&D (SPX0)

Thursday, 19 July 2012 09:30 (30 minutes)

Presenter: Dr WU, Genfa

Session Classification: Plenary Session

Track Classification: Plenary Sessions

Contribution ID: **36** Type: **not specified**

Application of shaped beam for wakefield acceleration

Thursday, 19 July 2012 09:00 (30 minutes)

Presenter: Dr GAI, Wei (ANL)

Session Classification: Plenary Session