

Frequency Map Analysis Workshop

Report of Contributions

Contribution ID: 0

Type: **not specified**

General Discussion

Author: Dr NADJI, Amor (Synchrotron SOLEIL)

Contribution ID: 1

Type: **not specified**

Conclusion Remarks

Contribution ID: 2

Type: **not specified**

General Discussion (A. Nadji)

Friday 2 April 2004 15:00 (30 minutes)

Session Classification: Discussions et Conclusions

Contribution ID: 3

Type: **not specified**

Conclusion Remarks (J-M. Filhol)

Friday 2 April 2004 15:30 (30 minutes)

Session Classification: Discussions et Conclusions

Contribution ID: 4

Type: **not specified**

Refinements of the non-linear lattice model for the BESSYII storage ring (P. Kuske)

Friday 2 April 2004 14:00 (30 minutes)

Session Classification: Model and Experiment (II)

Contribution ID: 5

Type: **not specified**

Global discussion on the importance of a very detailed model of the nonlinear fields

Friday 2 April 2004 14:30 (30 minutes)

Session Classification: Model and Experiment (II)

Contribution ID: 6

Type: **not specified**

Comparison between simulation and experiment on injection beam loss in the SPring8 storage ring (H. Tanaka)

Friday 2 April 2004 09:00 (30 minutes)

Session Classification: Model and Experiment (I)

Contribution ID: 7

Type: **not specified**

Analyzing combined space charge and lattice nonlinearities based on an experiment at the CERN PS (G. Franchetti)

Friday 2 April 2004 09:30 (20 minutes)

Session Classification: Model and Experiment (I)

Contribution ID: 8

Type: **not specified**

Frequency Map Analysis and Hilbert Transform for experimental resonance investigation at Elettra (S. Di Mitri)

Friday 2 April 2004 09:50 (20 minutes)

Session Classification: Model and Experiment (I)

Contribution ID: 9

Type: **not specified**

Discussions

Friday 2 April 2004 10:10 (30 minutes)

Session Classification: Model and Experiment (I)

Contribution ID: **10**

Type: **not specified**

Welcome and Introduction to the target of the workshop (A. Nadji)

Thursday 1 April 2004 09:00 (15 minutes)

Session Classification: Use of the FMA at the level design of a lattice

Contribution ID: **11**

Type: **not specified**

Frequency Map Analysis (J. Laskar)

Thursday 1 April 2004 09:15 (45 minutes)

Session Classification: Use of the FMA at the level design of a lattice

Contribution ID: 12

Type: **not specified**

Guiding lines for computing and reading a Frequency Map and new FMA calculations for SOLEIL including Insertion Devices effects (L. Nadolski)

Author: Dr NADOLSKI, Laurent (Synchrotron SOLEIL)

Presenter: Dr NADOLSKI, Laurent (Synchrotron SOLEIL)

Contribution ID: **13**

Type: **not specified**

Discussions

Thursday 1 April 2004 10:25 (35 minutes)

Session Classification: Use of the FMA at the level design of a lattice

Contribution ID: 14

Type: **not specified**

FMA calculation for the ALS (D. Robin)

Thursday 1 April 2004 11:20 (15 minutes)

Session Classification: Frequency Map Analysis

Contribution ID: 15

Type: **not specified**

Frequency maps for designing proton accelerators (Y. Papaphilippou)

Thursday 1 April 2004 11:35 (15 minutes)

Session Classification: Frequency Map Analysis

Contribution ID: 16

Type: **not specified**

Role of the FMA in the choice of the working point of SOLEIL (M. Belgroune)

Thursday 1 April 2004 11:50 (15 minutes)

Session Classification: Frequency Map Analysis

Contribution ID: 17

Type: **not specified**

Discussions

Thursday 1 April 2004 12:05 (45 minutes)

Session Classification: Frequency Map Analysis

Contribution ID: **18**

Type: **not specified**

FMA experiments at the ALS (D. Robin)

Thursday 1 April 2004 14:00 (45 minutes)

Session Classification: Experimental Frequency maps

Contribution ID: **19**

Type: **not specified**

Measured and calculated frequency maps for the BESSYII storage ring (P. Kuske)

Thursday 1 April 2004 14:45 (45 minutes)

Session Classification: Experimental Frequency maps

Contribution ID: **20**

Type: **not specified**

Recent experimental Frequency maps at Bessy II and SLS (M. Belgroune)

Thursday 1 April 2004 15:30 (15 minutes)

Session Classification: Experimental Frequency maps

Contribution ID: **21**

Type: **not specified**

Discussions

Thursday 1 April 2004 15:45 (30 minutes)

Session Classification: Experimental Frequency maps

Contribution ID: 22

Type: **not specified**

Experimental Frequency Maps for the ESRF Storage Ring (Y. Papaphilippou)

Thursday 1 April 2004 16:45 (20 minutes)

Session Classification: Experimental Frequency maps

Contribution ID: 23

Type: **not specified**

Description of the experimental set up at ESRF (L. Farvacque)

Thursday 1 April 2004 17:15 (15 minutes)

Session Classification: Diagnostics and technical details of the measurements

Contribution ID: 24

Type: **not specified**

Description of the experimental set up at the SLS (M. Munoz)

Thursday 1 April 2004 17:30 (15 minutes)

Session Classification: Diagnostics and technical details of the measurements

Contribution ID: 25

Type: **not specified**

Discussions

Thursday 1 April 2004 17:45 (45 minutes)

Session Classification: Diagnostics and technical details of the measurements

Contribution ID: 26

Type: **not specified**

Nonlinear correction steering of the LHC using Harmonic analysis (F. Schmidt)

Friday 2 April 2004 11:00 (30 minutes)

Session Classification: Model and Measurement (II)

Contribution ID: 27

Type: **not specified**

Studies on lattice calibration with frequency analysis of betatron oscillations (R. Bartolini)

Friday 2 April 2004 11:30 (30 minutes)

Session Classification: Model and Measurement (II)

Contribution ID: **28**

Type: **not specified**

Discussions

Friday 2 April 2004 12:00 (30 minutes)

Session Classification: Model and Measurement (II)