

FFAG'2016

Report of Contributions

Contribution ID: **10**

Type: **not specified**

Registration

Tuesday, 6 September 2016 09:00 (30 minutes)

Contribution ID: **11**

Type: **not specified**

Welcome

Tuesday, 6 September 2016 09:30 (10 minutes)

Primary author: PASTERNAK, Jaroslaw (Imperial College, London)

Presenter: PASTERNAK, Jaroslaw (Imperial College, London)

Contribution ID: 12

Type: **not specified**

Status of KURRI facility, Dr Y. Ishi

Tuesday, 6 September 2016 09:40 (50 minutes)

Contribution ID: 13

Type: **not specified**

Muon nuclear transmutation project, Prof. Y. Mori

Tuesday, 6 September 2016 10:50 (50 minutes)

Contribution ID: 14

Type: **not specified**

Discussion

Tuesday, 6 September 2016 11:40 (15 minutes)

Contribution ID: 15

Type: **not specified**

New NS-FFAG applications in ERL in Cornell, eRHIC, and LHC

Tuesday, 6 September 2016 11:55 (50 minutes)

Primary author: TRBOJEVIC, Dejan (Brookhaven National Laboratory)

Presenter: TRBOJEVIC, Dejan (Brookhaven National Laboratory)

Contribution ID: **16**

Type: **not specified**

Overview for CBETA, Dr S. Brooks

Tuesday, 6 September 2016 14:00 (30 minutes)

Contribution ID: 17

Type: **not specified**

Beam dynamics studies in FFAG-arc based eRHIC ERL, Dr F. Meot

Tuesday, 6 September 2016 14:30 (30 minutes)

Contribution ID: **18**

Type: **not specified**

Incorporating Interactions between Iron Magnets into the Design of CBETA

Tuesday, 6 September 2016 15:00 (30 minutes)

Primary author: BERG, J. Scott (Brookhaven National Laboratory)

Presenter: BERG, J. Scott (Brookhaven National Laboratory)

Contribution ID: **19**

Type: **not specified**

Discussion

Tuesday, 6 September 2016 15:30 (20 minutes)

Contribution ID: 20

Type: **not specified**

Hybrid Quadrupole Magnet for CBETA

Tuesday, 6 September 2016 16:10 (30 minutes)

Primary author: WITTE, Holger (Brookhaven National Laboratory)

Presenter: WITTE, Holger (Brookhaven National Laboratory)

Contribution ID: 21

Type: **not specified**

Design of Halbach quadrupoles and their correctors for the CBETA and eRHIC projects, Dr N. Tsoupas

Tuesday, 6 September 2016 16:40 (30 minutes)

Contribution ID: 22

Type: **not specified**

Halbach-type Magnets for a Non-Scaling FFAG Arc, Dr S Brooks

Tuesday, 6 September 2016 17:10 (30 minutes)

Contribution ID: 23

Type: **not specified**

Discussion

Tuesday, 6 September 2016 17:40 (20 minutes)

Contribution ID: 24

Type: **not specified**

NORMA: Magnets design

Wednesday, 7 September 2016 09:00 (30 minutes)

Primary author: TYGIER, Sam

Presenter: TYGIER, Sam

Contribution ID: 25

Type: **not specified**

Compact CW nonscaling FFAGs for medical applications

Wednesday, 7 September 2016 09:30 (30 minutes)

Primary author: JOHNSTONE, Carol (Fermilab)

Presenter: JOHNSTONE, Carol (Fermilab)

Contribution ID: 26

Type: **not specified**

HEATHER –HElium ion Accelerator for radioTHERapy, Mr J. Taylor

Wednesday, 7 September 2016 10:00 (30 minutes)

Contribution ID: 27

Type: **not specified**

FFAG Gantries

Wednesday, 7 September 2016 10:50 (40 minutes)

Primary author: TRBOJEVIC, Dejan (Brookhaven National Laboratory)

Presenter: TRBOJEVIC, Dejan (Brookhaven National Laboratory)

Contribution ID: **28**

Type: **not specified**

Discussion

Wednesday, 7 September 2016 11:30 (10 minutes)

Contribution ID: 29

Type: **not specified**

Visit at RAL accelerator facilities

Wednesday, 7 September 2016 14:30 (2 hours)

Contribution ID: 30

Type: **not specified**

**Special ISIS Seminar: FFAGs at intensity frontier for
secondary particle production, Prof. Y. Mori, R68
CR12-13**

Wednesday, 7 September 2016 16:30 (1 hour)

Contribution ID: 31

Type: **not specified**

Design and beam dynamics issues of MERIT muon production ring, Prof. Y. Mori

Thursday, 8 September 2016 09:00 (30 minutes)

Contribution ID: 32

Type: **not specified**

Injection of MERIT muon ring, Dr K. Okabe

Thursday, 8 September 2016 09:30 (30 minutes)

Contribution ID: 33

Type: **not specified**

Radiation shielding of MERIT muon ring, Dr K. Okabe

Thursday, 8 September 2016 10:00 (30 minutes)

Contribution ID: 34

Type: **not specified**

nuPIL concept

Thursday, 8 September 2016 10:50 (30 minutes)

Primary author: Dr LAGRANGE, Jean-baptiste (Imperial College)

Presenter: Dr LAGRANGE, Jean-baptiste (Imperial College)

Contribution ID: 35

Type: **not specified**

Update on nuSTORM

Thursday, 8 September 2016 11:20 (30 minutes)

Primary author: LAGRANGE, Jean-baptiste (Imperial College)

Presenter: LAGRANGE, Jean-baptiste (Imperial College)

Contribution ID: **36**

Type: **not specified**

Update on PRISM

Thursday, 8 September 2016 11:50 (30 minutes)

Presenter: PASTERNAK, Jaroslaw (Imperial College, London)

Contribution ID: 37

Type: **not specified**

Discussion

Thursday, 8 September 2016 12:20 (25 minutes)

Contribution ID: **38**

Type: **not specified**

Solenoid-focussing internal target ring design

Thursday, 8 September 2016 14:00 (30 minutes)

Primary author: ROGERS, Chris (STFC)

Presenter: ROGERS, Chris (STFC)

Contribution ID: 39

Type: **not specified**

Integer Resonance Crossing in linear non-scaling FFAGs

Thursday, 8 September 2016 14:30 (30 minutes)

Presenter: KELLIHER, David (ASTeC/RAL/STFC)

Contribution ID: 40

Type: **not specified**

Fringe fields in combined function magnets

Thursday, 8 September 2016 15:00 (30 minutes)

Primary author: MURATORI, Bruno

Presenter: MURATORI, Bruno

Contribution ID: 41

Type: **not specified**

Discussion

Thursday, 8 September 2016 15:30 (20 minutes)

Contribution ID: 42

Type: **not specified**

Tune compensation in Fixed Field Alternating Gradient accelerators

Thursday, 8 September 2016 16:10 (30 minutes)

Primary author: HAJ TAHAR, Malek (Brookhaven National Laboratory)

Presenter: HAJ TAHAR, Malek (Brookhaven National Laboratory)

Contribution ID: 43

Type: **not specified**

IBEX Paul Trap studies

Thursday, 8 September 2016 16:40 (30 minutes)

Presenter: Dr SHEEHY, Suzie (University of Oxford and STFC/ASTeC/RAL)

Contribution ID: 44

Type: **not specified**

Discussion

Thursday, 8 September 2016 17:10 (20 minutes)

Contribution ID: 45

Type: **not specified**

Report on KURRI Collaboration achievements, Dr T. Uesugi

Friday, 9 September 2016 09:00 (45 minutes)

Contribution ID: 46

Type: **not specified**

Space charge developments in Zgoubi, application to KURRI FFAG lattice studies

Friday, 9 September 2016 09:45 (45 minutes)

Primary author: HAJ TAHAR, Malek (Brookhaven National Laboratory)

Presenter: HAJ TAHAR, Malek (Brookhaven National Laboratory)

Contribution ID: 47

Type: **not specified**

A compact FFAG and thin internal target for radioisotope production, Mr D. Bruton

Friday, 9 September 2016 10:50 (30 minutes)

Contribution ID: 48

Type: **not specified**

Compact CW nonscaling FFAGs for high intensity protons

Friday, 9 September 2016 11:20 (45 minutes)

Primary author: JOHNSTONE, Carol (Fermilab)

Presenter: JOHNSTONE, Carol (Fermilab)

Contribution ID: 49

Type: **not specified**

Status of FFAG codes benchmarking

Friday, 9 September 2016 12:05 (45 minutes)

Primary author: MACHIDA, Shinji (STFC/RAL)

Presenter: MACHIDA, Shinji (STFC/RAL)

Contribution ID: 50

Type: **not specified**

Studies of high intensity proton FFAGs

Friday, 9 September 2016 14:00 (45 minutes)

Primary author: PRIOR, Chris (STFC)

Presenter: PRIOR, Chris (STFC)

Contribution ID: 51

Type: **not specified**

Discussion on next experimental machines

Friday, 9 September 2016 14:45 (45 minutes)

Contribution ID: 52

Type: **not specified**

FFAG School summary

Friday, 9 September 2016 15:50 (20 minutes)

Primary author: LAGRANGE, Jean-baptiste (Imperial College)

Presenter: LAGRANGE, Jean-baptiste (Imperial College)

Contribution ID: 53

Type: **not specified**

Workshop summary

Friday, 9 September 2016 16:10 (30 minutes)

Presenter: HAJ TAHAR, Malek (Brookhaven National Laboratory)

Contribution ID: 54

Type: **not specified**

Closing remarks

Friday, 9 September 2016 16:40 (20 minutes)

Primary author: PASTERNAK, Jaroslaw (Imperial College, London)

Presenter: PASTERNAK, Jaroslaw (Imperial College, London)