

Compact Accelerators for Isotope Production

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome from Susan Smith (Director, Daresbury) and Peter Ratoff (Director, Cockcroft)

Thursday, 26 March 2015 09:00 (10 minutes)

Contribution ID: 1

Type: **not specified**

Isotope Needs in Europe

Thursday, 26 March 2015 09:10 (30 minutes)

Presenter: KOESTER, Ulli (Institut Max von Laue-Paul Langevin (FR))

Contribution ID: 2

Type: **not specified**

^{99m}Tc Production Needs in the UK

Thursday, 26 March 2015 09:40 (30 minutes)

Presenter: Prof. PERKINS, Alan (University of Nottingham)

Contribution ID: 3

Type: **not specified**

Discussion Session and Conclusions

Friday, 27 March 2015 14:00 (2 hours)

Contribution ID: 4

Type: **not specified**

Workshop Conclusions and Plans

Contribution ID: 5

Type: **not specified**

Compact high-current FFAG for isotope production

Thursday, 26 March 2015 11:30 (30 minutes)

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

Contribution ID: 6

Type: **not specified**

Compact High Field Cyclotrons for N13 Ammonia and FDG

Thursday, 26 March 2015 12:00 (30 minutes)

Presenter: Dr ANTAYA, Timothy (Antaya Science and Technology)

Contribution ID: 7

Type: **not specified**

Progress on the Oniac

Thursday, 26 March 2015 16:50 (30 minutes)

Presenter: Dr GOSSMANN-LEVCHUK, Svetlana (Siemens)

Contribution ID: 8

Type: **not specified**

A compact RFQ for isotope production in hospitals

Friday, 27 March 2015 10:00 (30 minutes)

Presenter: VRETENAR, Maurizio (CERN)

Contribution ID: 9

Type: **not specified**

OPENMED: A Biomedical Facility at the Low Energy Ion Ring

Friday, 27 March 2015 09:00 (30 minutes)

Presenter: ROY, Ghislain (CERN)

Contribution ID: **10**

Type: **not specified**

99mTc Production Development at TRIUMF

Thursday, 26 March 2015 10:10 (30 minutes)

Presenter: Dr SCHAFFER, Paul (TRIUMF)

Contribution ID: 11

Type: **not specified**

Cyclotron-based Tc-99m: Targetry, Processing, Quality, and Mo

Thursday, 26 March 2015 10:40 (30 minutes)

Presenter: Dr GAGNON, Katie (University of Alberta)

Contribution ID: 12

Type: **not specified**

The MEDICIS Project

Thursday, 26 March 2015 17:50 (30 minutes)

Presenter: STORA, Thierry (CERN)

Contribution ID: 13

Type: **not specified**

GE use of cyclotrons for isotope production

Thursday, 26 March 2015 15:30 (30 minutes)

Presenter: Dr ZETTERBERG, Uno (GE)

Contribution ID: 14

Type: **not specified**

A compact, low-energy accelerator for medical radionuclide production: yields and isotopic purity

Thursday, 26 March 2015 17:20 (30 minutes)

Presenter: Mr WEBSTER, William (University of Cambridge)

Contribution ID: 15

Type: **not specified**

Radiation Protection and Radiation Safety for Particle Accelerator Facilities

Friday, 27 March 2015 11:50 (30 minutes)

Presenter: VOLLAIRE, Joachim (CERN)

Contribution ID: 16

Type: **not specified**

Compact weak focusing cyclotrons for radioisotope production: status of AMIT project

Thursday, 26 March 2015 14:00 (30 minutes)

Presenter: Dr OLIVER, Concepcion (CIEMAT)

Contribution ID: 17

Type: **not specified**

IBA isotope production

Thursday, 26 March 2015 14:30 (30 minutes)

Presenter: Dr GEETS, Jean-Michel (IBA)

Contribution ID: **18**

Type: **not specified**

Laser production of radioisotopes

Friday, 27 March 2015 09:30 (30 minutes)

Presenter: Dr CLARKE, Rob (STFC)

Contribution ID: 19

Type: **not specified**

Monograph on cyclotron-produced Sodium (^{99m}Tc) pertechnetate in the European Pharmacopoeia

Friday, 27 March 2015 12:20 (30 minutes)

Presenter: LEBEDA, Ondrej (Nuclear Physics Institute AS CR, p.r.i.)

Contribution ID: 20

Type: **not specified**

Use of novel reactors for isotope production

Presenter: Prof. NUTTALL, William (Open University)

Contribution ID: 21

Type: **not specified**

Novel magnet technologies for isotope production?

Contribution ID: 22

Type: **not specified**

Alliance production of radioisotopes

Thursday, 26 March 2015 15:00 (30 minutes)

Presenter: Dr WEBSTER, Philip (Alliance Healthcare)

Contribution ID: 23

Type: **not specified**

High power liquid target for 18F

Friday, 27 March 2015 10:50 (30 minutes)

Presenter: Dr STOKELY, Matthew (BTI Targetry)

Contribution ID: 24

Type: **not specified**

Production of medical isotopes from a thorium target irradiated by light charged particles up to 70 MeV

Thursday, 26 March 2015 12:30 (30 minutes)

Presenter: Dr DUCHEMIN, Charlotte (SUBATECH)

Contribution ID: 25

Type: **not specified**

Radioisotope yields and operating experience with a new 7.8 MeV cyclotron for point of demand isotope production: why the tabletop is not big enough

Friday, 27 March 2015 11:20 (30 minutes)

Presenter: JENSEN, Mikael (Risoe-DTU, technical University of Denmark)

Contribution ID: 26

Type: **not specified**

BEST Cyclotron Systems and their applications

Thursday, 26 March 2015 16:20 (30 minutes)

Presenter: Dr JOHNSON, Richard (BEST)