

# OMA School on Medical Accelerators



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Welcome / Introduction

*Monday 5 June 2017 08:30 (1 hour)*

- Welcome / Introduction
- Admin/logistics
- OMA
- Medicis –Promed

Contribution ID: 2

Type: **not specified**

## History of Medical Accelerators

*Monday 5 June 2017 09:30 (1 hour)*

**Presenter:** VRBA, Tomas (FJFI)

Contribution ID: 3

Type: **not specified**

## Introduction to Radiation Therapy

*Monday 5 June 2017 11:00 (1 hour)*

**Presenter:** ORECCHIA, Roberto (CNAO)

Contribution ID: 4

Type: **not specified**

## Beam Physics Fundamentals

*Monday 5 June 2017 12:00 (1 hour)*

**Presenter:** RESTA LOPEZ, Javier (Instituto de Fisica Corpuscular (ES))

Contribution ID: 5

Type: **not specified**

## Beam Diagnostics I

*Monday 5 June 2017 14:30 (1 hour)*

**Presenter:** JEFF, Adam (A.D.A.M. Applications of Detectors and accelerators to Medicine)

Contribution ID: 6

Type: **not specified**

## Beam Diagnostics II

*Monday 5 June 2017 15:30 (1 hour)*

**Presenter:** FIORITO, Ralph (Cockcroft Institute)

Contribution ID: 7

Type: **not specified**

## Ion Sources

*Tuesday 6 June 2017 08:30 (1 hour)*

**Presenter:** GAUBERT, Gabriel (Pantechnik)

Contribution ID: 8

Type: **not specified**

## Low Energy Beam Transport including the RFQ

*Tuesday 6 June 2017 09:30 (1 hour)*

**Presenter:** JOLLY, Simon (University College London)

Contribution ID: 9

Type: **not specified**

## Beam Manipulation

*Tuesday 6 June 2017 11:00 (1 hour)*

**Presenter:** FAUS GOLFE, Angeles (LAL)

Contribution ID: **10**

Type: **not specified**

# Cyclotron

*Tuesday 6 June 2017 12:00 (1 hour)*

**Presenter:** FORTON, Eric (IBA - Ion Beam Applications)

Contribution ID: **11**

Type: **not specified**

## Synchrotron

*Tuesday 6 June 2017 14:30 (1 hour)*

**Presenter:** OSMIC, Fadmar (Medaustrom)

Contribution ID: **12**

Type: **not specified**

## Beam Extraction

*Tuesday 6 June 2017 17:00 (1 hour)*

**Presenter:** GARONNA, Adriano (TERA Foundation (IT))

Contribution ID: 13

Type: **not specified**

## **Accelerators to beat Cancer - public talk**

*Tuesday 6 June 2017 18:00 (1 hour)*

**Presenter:** Dr PULLIA, Marco (Fondazione CNAO (IT))

**Session Classification:** Public Talk

Contribution ID: **14**

Type: **not specified**

## Simulation Codes

*Wednesday 7 June 2017 08:30 (1 hour)*

**Presenter:** REICHE, Sven (Paul Scherrer Institute)

Contribution ID: 15

Type: **not specified**

# Accelerator Control Systems

*Wednesday 7 June 2017 09:30 (1 hour)*

**Presenter:** CASALEGNO, Luigi (CNAO)

Contribution ID: **16**

Type: **not specified**

## Beam Delivery System

*Wednesday 7 June 2017 11:00 (1 hour)*

**Presenter:** ACTIS, Oxana (Center for Proton Therapy, Paul Scherrer Institute, 5232 Villigen PSI, Switzerland)

Contribution ID: 17

Type: **not specified**

## **Regulations governing the application of medical accelerators**

*Wednesday 7 June 2017 12:00 (1 hour)*

**Presenter:** MEHLE, Marko (Cosylab)

Contribution ID: **18**

Type: **not specified**

## **Radiobiology**

*Thursday 8 June 2017 08:30 (1 hour)*

**Presenter:** SCIFONI, Emanuele (TIFPA/INFN)

Contribution ID: **19**

Type: **not specified**

## Treatment Planning System

*Thursday 8 June 2017 09:30 (1 hour)*

**Presenter:** AITKENHEAD, Adam (Christie/NHS)

Contribution ID: 20

Type: **not specified**

## Image-guided Radiotherapy

*Thursday 8 June 2017 11:00 (1 hour)*

**Presenter:** BARONI, Guido (Politecnico di Milano)

Contribution ID: **21**

Type: **not specified**

## Patient Imaging

*Friday 9 June 2017 11:00 (1 hour)*

**Presenter:** DEDES, George (L)

Contribution ID: 22

Type: **not specified**

## **Industry talk: High-speed optical 3D surface scanning for medical use (ViALUX)**

*Friday 9 June 2017 12:00 (30 minutes)*

**Presenter:** HOEFLING, Roland (ViALUX)

Contribution ID: 23

Type: **not specified**

## Industry talk: Control systems (Cosylab)

*Friday 9 June 2017 12:30 (30 minutes)*

**Presenter:** PLESKO, Mark (C)

Contribution ID: 24

Type: **not specified**

## Industry talk: (IBA)

*Friday 9 June 2017 13:00 (30 minutes)*

**Presenter:** SMEETS, Julien (Universite Libre de Bruxelles)

Contribution ID: 25

Type: **not specified**

## School conclusion

*Friday 9 June 2017 13:30 (30 minutes)*

Contribution ID: 26

Type: **not specified**

## **CNAO –challenges and perspectives**

*Friday 9 June 2017 09:30 (1 hour)*

**Presenter:** ROSSI, Sandro (Fondazione CNAO-Unknown-Unknown)