

# **1st Annual ARDENT WORKSHOP**



## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Dissemination and Outreach Board

*Tuesday 20 November 2012 14:30 (1h 30m)*

**Presenter:** STANISLAV, Vladimir (Jablotron Alarms a.s.)

**Session Classification:** BOARDS MEETINGS

Contribution ID: 2

Type: **not specified**

## **Training Board**

*Tuesday 20 November 2012 14:30 (1h 30m)*

**Presenter:** WOLFEL, Stefan (IBA Group)

**Session Classification:** BOARDS MEETINGS

Contribution ID: 3

Type: **not specified**

## **ITN Management Office**

*Tuesday 20 November 2012 16:30 (1h 30m)*

**Presenter:** SILARI, Marco (CERN)

**Session Classification:** BOARDS MEETINGS

Contribution ID: 4

Type: **not specified**

## **General overview and fields of applications (accelerators, medical, internal dosimetry, space, aircrew)**

*Wednesday 21 November 2012 09:00 (1 hour)*

**Primary author:** ROZENFELD, Anatoly (University of Wollongong)

**Presenter:** ROZENFELD, Anatoly (University of Wollongong)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 5

Type: **not specified**

## **Interaction of ionising radiation with matter (photons, electrons, neutrons, heavy ions)**

*Wednesday 21 November 2012 10:00 (1 hour)*

**Primary author:** AGOSTEO, Stefano (Politecnico di Milano)

**Presenter:** AGOSTEO, Stefano (Politecnico di Milano)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 6

Type: **not specified**

## **Quantities and units in radiation dosimetry (fluence, stopping power, kerma, dose...) - PART 1**

*Wednesday 21 November 2012 11:30 (1 hour)*

**Primary author:** SILARI, Marco (CERN)

**Presenter:** SILARI, Marco (CERN)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 7

Type: **not specified**

## **Quantities and units in radiation dosimetry (fluence, stopping power, kerma, dose...) - PART 2**

*Wednesday 21 November 2012 14:00 (1 hour)*

**Primary author:** SILARI, Marco (CERN)

**Presenter:** SILARI, Marco (CERN)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY



Contribution ID: 8

Type: **not specified**

## **Instrumentation 1 - Gas detectors - PART 1**

*Wednesday 21 November 2012 15:00 (1 hour)*

**Primary author:** WAKER, Anthony (University of Ontario)

**Presenter:** WAKER, Anthony (University of Ontario)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 9

Type: **not specified**

## Technical Training Board

*Tuesday 20 November 2012 18:00 (1 hour)*

**Presenter:** ROLLET, Sofia (AIT)

**Session Classification:** BOARDS MEETINGS

Contribution ID: **10**

Type: **not specified**

## **Instrumentation 1 - Gas detectors - PART 2**

*Wednesday 21 November 2012 16:30 (1 hour)*

**Primary author:** WAKER, Anthony (University of Ontario)

**Presenter:** WAKER, Anthony (University of Ontario)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 11

Type: **not specified**

## Quantities and units in radiation protection

*Wednesday 21 November 2012 17:30 (1 hour)*

**Primary author:** AGOSTEO, Stefano (Politecnico di Milano)

**Presenter:** AGOSTEO, Stefano (Politecnico di Milano)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 12

Type: **not specified**

## **Instrumentation 2 - Solid state detectors (PART 1): Principles of operation of solid state detectors**

*Thursday 22 November 2012 09:00 (1 hour)*

**Primary author:** FAZZI, Alberto

**Presenter:** FAZZI, Alberto

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 13

Type: **not specified**

## **Instrumentation 2 - Solid state detectors (PART 2) : Hybrid pixel detectors and their applications**

*Thursday 22 November 2012 10:00 (1 hour)*

**Primary author:** MICHEL, Thilo (University of Erlangen-Nuremberg)

**Presenter:** MICHEL, Thilo (University of Erlangen-Nuremberg)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 14

Type: **not specified**

## **Instrumentation 2 - Solid state detectors (PART 3) : Tracking and radiation field measurement with pixel detectors**

*Thursday 22 November 2012 11:30 (1 hour)*

**Primary author:** VYKYDAL, Zdenek (Czech Technical University (CZ))

**Presenter:** VYKYDAL, Zdenek (Czech Technical University (CZ))

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 15

Type: **not specified**

## **Instrumentation 3 - Passive detectors (track detectors, TLDs...)**

*Thursday 22 November 2012 14:00 (2 hours)*

**Primary author:** PARRAVICINI, Antonio (M)

**Presenters:** PARRAVICINI, Antonio (M); CARESANA, Marco (Politecnico di Milano)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY



Contribution ID: 16

Type: **not specified**

## Supervisory Board

*Friday 23 November 2012 10:00 (1h 45m)*

**Presenter:** SILARI, Marco (CERN)

**Session Classification:** BOARDS MEETINGS

Contribution ID: 17

Type: **not specified**

## Statistical analysis and data handling

*Thursday 22 November 2012 16:30 (2 hours)*

**Primary author:** CARESANA, Marco (Politecnico di Milano)

**Presenter:** CARESANA, Marco (Politecnico di Milano)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: 18

Type: **not specified**

## **Radiobiology (low and high LET radiation, RBE)**

*Thursday 22 November 2012 18:30 (1 hour)*

**Primary author:** WAKER, Anthony (University of Ontario)

**Presenter:** WAKER, Anthony (University of Ontario)

**Session Classification:** TRAINING COURSES ON RADIATION DOSIMETRY

Contribution ID: **19**

Type: **not specified**

## **ESR 1 - CERN**

*Tuesday 20 November 2012 10:00 (15 minutes)*

**Presenter:** AZA, Eleni (CERN)

**Session Classification:** ESRs presentations

Contribution ID: **20**

Type: **not specified**

## **ESR 2 - CERN**

*Tuesday 20 November 2012 10:15 (15 minutes)*

**Presenter:** FROJD, Erik

**Session Classification:** ESRs presentations

Contribution ID: 21

Type: **not specified**

## **ESR 3 - CERN**

*Tuesday 20 November 2012 10:30 (15 minutes)*

**Presenter:** PUDDU, Silvia

**Session Classification:** ESRs presentations

Contribution ID: 22

Type: **not specified**

## **ESR 4 - CERN**

*Tuesday 20 November 2012 10:45 (15 minutes)*

**Presenter:** GEORGE, Stuart

**Session Classification:** ESRs presentations

Contribution ID: 23

Type: **not specified**

## **ESR 6 - AIT**

*Tuesday 20 November 2012 11:30 (15 minutes)*

**Presenter:** SIPAJ, Andrej

**Session Classification:** ESRs presentations



Contribution ID: 24

Type: **not specified**

## ESR 6 - AIT ?

Contribution ID: 25

Type: **not specified**

## ESR 7 - CTU ?

Contribution ID: 26

Type: **not specified**

## ESR 9 - CTU

*Tuesday 20 November 2012 12:00 (15 minutes)*

**Presenter:** BERGMANN, Benedikt

**Session Classification:** ESRs presentations

Contribution ID: 27

Type: **not specified**

## ESR - CTU

*Tuesday 20 November 2012 11:45 (15 minutes)*

**Presenter:** LOO, Kevin

**Session Classification:** ESRs presentations

Contribution ID: **28**

Type: **not specified**

## **ESR 10 - IBA ?**

Contribution ID: 29

Type: **not specified**

## ESR 11 - IBA ?

Contribution ID: **30**

Type: **not specified**

## **ESR 12- Jablotron**

*Tuesday 20 November 2012 13:30 (15 minutes)*

**Presenter:** VISWANATHAN, Vijayaragavan

**Session Classification:** ESRs presentations

Contribution ID: **31**

Type: **not specified**

## **ESR 13 - MIAM**

*Tuesday 20 November 2012 13:45 (15 minutes)*

**Presenter:** SASHALA NAIK, Alvin (MIAM)

**Session Classification:** ESRs presentations



Contribution ID: **32**

Type: **not specified**

## **ESR 14 - POLIMI**

*Tuesday 20 November 2012 14:00 (15 minutes)*

**Presenter:** SAGIA, Eleni (POLIMI)

**Session Classification:** ESRs presentations

Contribution ID: 33

Type: **not specified**

## **ESR 15 - POLIMI**

*Tuesday 20 November 2012 14:15 (15 minutes)*

**Presenter:** CASSELL, Chris (POLIMI)

**Session Classification:** ESRs presentations

Contribution ID: **34**

Type: **not specified**

## **Welcome and introduction to the Workshop**

*Tuesday 20 November 2012 09:00 (15 minutes)*

**Presenter:** SILARI, Marco (CERN)

Contribution ID: 35

Type: **not specified**

## **Presentation by Seamus Hegarty (HR)**

*Tuesday 20 November 2012 09:15 (45 minutes)*

**Presenter:** HEGARTY, Seamus (CERN)

Contribution ID: 36

Type: **not specified**

## **Arrival and Address of Welcome**

*Friday 23 November 2012 13:30 (10 minutes)*

**Session Classification:** VISIT TO MedAustron

Contribution ID: 37

Type: **not specified**

## **Current Status and Future Medical Perspectives at MedAustron**

*Friday 23 November 2012 13:40 (20 minutes)*

**Presenter:** MOCK, Ulrike

**Session Classification:** VISIT TO MedAustron

Contribution ID: **38**

Type: **not specified**

## **Medical Physics Equipment for MedAustron**

*Friday 23 November 2012 14:00 (20 minutes)*

**Presenter:** NAIRF, Olaf

**Session Classification:** VISIT TO MedAustron

Contribution ID: 39

Type: **not specified**

## **Non-clinical Research Opportunities at MedAustron**

*Friday 23 November 2012 14:20 (20 minutes)*

**Presenter:** SCHREINER, Thomas

**Session Classification:** VISIT TO MedAustron



Contribution ID: 40

Type: **not specified**

## **Microdosimetry in Ion-Beam Therapy**

*Friday 23 November 2012 14:40 (20 minutes)*

**Presenter:** MAGRIN, Giulio

**Session Classification:** VISIT TO MedAustron

Contribution ID: 41

Type: **not specified**

## **Visit of the MedAustron Building**

*Friday 23 November 2012 15:20 (1h 40m)*

**Session Classification:** VISIT TO MedAustron