

# **EuCARD-2 WP11 Topical Meeting - Collimator Materials for Fast High Density Energy Deposition**



## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Introduction and scope (15'+5')

*Thursday, 28 April 2016 09:30 (20 minutes)*

**Presenter:** ROSSI, Adriana (CERN)

Contribution ID: 1

Type: **not specified**

## **Overview of scenarios where new materials are required (20'+10')**

*Thursday, 28 April 2016 09:50 (30 minutes)*

**Presenter:** BRUCE, Roderik (CERN)

Contribution ID: 2

Type: **not specified**

## **Progress on material development and characterisation (30'+20')**

*Thursday, 28 April 2016 10:20 (50 minutes)*

**Presenter:** GUARDIA VALENZUELA, Jorge (Universidad de Zaragoza (ES))

Contribution ID: 3

Type: **not specified**

## **Material characterisation (30'+20')**

*Thursday, 28 April 2016 11:40 (50 minutes)*

**Presenter:** PERONI, Lorenzo (Politecnico di Torino)

Contribution ID: 4

Type: **not specified**

## **CuCD production and novelties (20'+10')**

*Thursday, 28 April 2016 12:30 (30 minutes)*

**Presenter:** KITZMANTEL, Michael (RHP-Technology)

Contribution ID: 5

Type: **not specified**

## **MoGr production and novelties (20'+10')**

*Thursday, 28 April 2016 13:00 (30 minutes)*

**Presenter:** BIZZARO, Stefano (Consiglio Nazionale delle Ricerche (IT))

Contribution ID: 6

Type: **not specified**

## **The HiRadMat 23 Experiments : results and analysis (30'+20')**

*Thursday, 28 April 2016 14:30 (50 minutes)*

**Presenter:** CARRA, Federico (CERN)



Contribution ID: 7

Type: **not specified**

## **Ion irradiation results: variation of material properties with irradiation (30'+20')**

*Thursday, 28 April 2016 15:20 (50 minutes)*

**Presenter:** TOMUT, Marilena (GSI)

Contribution ID: 8

Type: **not specified**

## **Proposal of upgrade scenarios based on tracking simulations with new materials (30'+20')**

*Thursday, 28 April 2016 16:40 (50 minutes)*

**Presenter:** QUARANTA, Elena (Politecnico di Milano (IT))

Contribution ID: **10**

Type: **not specified**

## **Overview of radiation damage studies and the RaDIATE (Radiation Damage In Accelerator Target Environments) Collaboration (30'+20')**

*Friday, 29 April 2016 09:00 (50 minutes)*

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

Contribution ID: 11

Type: **not specified**

## **FLUKA estimation of DPA for ion irradiation and update on IR7 DPA calculations for LHC operations (30'+20')**

*Friday, 29 April 2016 09:50 (50 minutes)*

**Presenter:** SKORDIS, Eleftherios (CERN)

Contribution ID: 12

Type: **not specified**

## **Studies of energy deposition for a proton absorbers for crystal collimators (30'+20')**

*Friday, 29 April 2016 11:10 (50 minutes)*

**Presenter:** GIBSON, Stephen (Royal Holloway, University of London)

Contribution ID: 13

Type: **not specified**

## **Status and perspectives of proton irradiation tests at RRC-KI (30'+20')**

*Thursday, 28 April 2016 17:30 (50 minutes)*

**Presenter:** RYAZANOV, Alexander

Contribution ID: 14

Type: **not specified**

## **Presentation of the ARIES (after EuCARD2) programme for materials (30'+20')**

*Friday, 29 April 2016 14:15 (50 minutes)*

**Presenters:** ROSSI, Adriana (CERN); TOMUT, Marilena (GSI)

Contribution ID: 15

Type: **not specified**

## Wrap up and plans for the future

*Friday, 29 April 2016 15:05 (55 minutes)*



Contribution ID: 16

Type: **not specified**

## **Status of proton irradiation tests at BNL and DPA estimation (30'+20')**

*Friday, 29 April 2016 12:00 (50 minutes)*

**Presenter:** SIMOS, Nick (BNL)