

# Tracking for Collimation Workshop (WP5)



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## Introduction

*Friday, October 30, 2015 8:40 AM (10 minutes)*

**Presenter:** REDAELLI, Stefano (CERN)

**Session Classification:** Overview of available tools and recent developments

Contribution ID: 1

Type: **not specified**

## **Status of Sixtrack (15+10)**

*Friday, October 30, 2015 8:50 AM (25 minutes)*

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

**Session Classification:** Overview of available tools and recent developments

Contribution ID: 2

Type: **not specified**

## **Status of Fluka coupling to SixTrack (15+10)**

*Friday, October 30, 2015 9:15 AM (25 minutes)*

**Presenter:** VLACHOUDIS, Vasilis (CERN)

**Session Classification:** Overview of available tools and recent developments

Contribution ID: 3

Type: **not specified**

## **Status of Merlin and recent developments (15+10)**

*Friday, October 30, 2015 9:40 AM (25 minutes)*

**Presenter:** RAFIQUE, Haroon (University of Huddersfield)

**Session Classification:** Overview of available tools and recent developments

Contribution ID: 4

Type: **not specified**

## **Status of BDSIM (15+10)**

*Friday, October 30, 2015 10:05 AM (25 minutes)*

**Presenter:** NEVAY, Laurence James (University of London (GB))

**Session Classification:** Overview of available tools and recent developments

Contribution ID: 5

Type: **not specified**

## **Simulation tools for ion collimation (15+5)**

*Friday, October 30, 2015 11:00 AM (20 minutes)*

**Presenter:** HERMES, Pascal Dominik (Westfaelische Wilhelms-Universitaet Muenster (DE))

**Session Classification:** Advance implementations and specific applications

Contribution ID: 6

Type: **not specified**

## **Update on crystal simulation for collimation (15+10)**

*Friday, October 30, 2015 11:20 AM (25 minutes)*

**Presenter:** MIRARCHI, Daniele (CERN)

**Session Classification:** Advance implementations and specific applications



Contribution ID: 7

Type: **not specified**

## **New materials for SixTrack (15+5)**

*Friday, October 30, 2015 11:45 AM (20 minutes)*

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

**Session Classification:** Advance implementations and specific applications

Contribution ID: 8

Type: **not specified**

## Dynamic simulations in SixTrack (15+5)

*Friday, October 30, 2015 2:00 PM (20 minutes)*

**Presenter:** SJOBAEK, Kyrre Ness (CERN)

**Session Classification:** Advance implementations and specific applications

Contribution ID: 9

Type: **not specified**

## **Modelling of beam halos (15+5)**

*Friday, October 30, 2015 2:20 PM (20 minutes)*

**Presenter:** GARCIA MORALES, Hector (Royal Holloway University of London (RHUL))

**Session Classification:** Advance implementations and specific applications

Contribution ID: **10**

Type: **not specified**

## **Injection protection studies (15+5)**

*Friday, October 30, 2015 2:40 PM (20 minutes)*

**Presenter:** VELOTTI, Francesco Maria (Ecole Polytechnique Federale de Lausanne (CH))

**Session Classification:** Advance implementations and specific applications

Contribution ID: 11

Type: **not specified**

## **First loss maps and halo population for FCC (15+5)**

*Friday, October 30, 2015 3:00 PM (20 minutes)*

**Presenters:** FIASCARIS, Maria (CERN); REDAELLI, Stefano (CERN)

**Session Classification:** Advance implementations and specific applications

Contribution ID: 12

Type: **not specified**

## **Simulations of collimation losses at RHIC (15+10)**

*Friday, October 30, 2015 4:00 PM (25 minutes)*

**Presenter:** ROBERT-DEMOLAIZE, Guillaume (BNL)

**Session Classification:** Exploitation and recent benchmark activities

Contribution ID: 13

Type: **not specified**

## **Simulation comparisons to BLM data (15+5)**

*Friday, October 30, 2015 4:25 PM (20 minutes)*

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

**Session Classification:** Exploitation and recent benchmark activities

Contribution ID: 14

Type: **not specified**

## **Merlin simulations during squeeze at 4 TeV (15+5)**

*Friday, October 30, 2015 4:45 PM (20 minutes)*

**Presenter:** TYGIER, Sam

**Session Classification:** Exploitation and recent benchmark activities



Contribution ID: 15

Type: **not specified**

## **Fluka coupling for SPS scrapers (15+5)**

*Friday, October 30, 2015 5:05 PM (20 minutes)*

**Presenter:** MEREGHETTI, Alessio (CERN)

**Session Classification:** Exploitation and recent benchmark activities

Contribution ID: 16

Type: **not specified**

## **Beam loss studies during the CERN PS continuous transfer extraction (15+5)**

*Friday, October 30, 2015 5:25 PM (20 minutes)*

**Presenter:** BARRANCO GARCIA, Javier (Ecole Polytechnique Federale de Lausanne (CH))

**Session Classification:** Exploitation and recent benchmark activities