

**EDM kick-off meeting**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Introduction

*Monday, 13 March 2017 09:00 (10 minutes)*

**Presenter:** LAMONT, Mike (CERN)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 2

Type: **not specified**

## All-electric versus combined field storage ring

*Monday, 13 March 2017 09:10 (20 minutes)*

**Presenter:** SEMERTZIDIS, Yannis Kyriakos (Institute for basic Science (KR))

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 3

Type: **not specified**

## **Frozen and quasi-frozen spin lattices**

*Monday, 13 March 2017 09:30 (20 minutes)*

**Presenter:** SENICHEV, Yury (FZJ)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 4

Type: **not specified**

## **Magnetic field cancellation in pEDM experiment**

**Presenter:** HACIOMEROGLU, Selcek

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 5

Type: **not specified**

## **Spin tracking studies for pEDM experiment**

*Monday, 13 March 2017 09:50 (20 minutes)*

**Presenter:** HACIOMEROGLU , Selcek

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 6

Type: **not specified**

## **COSY as test facility**

*Monday, 13 March 2017 10:10 (10 minutes)*

**Presenter:** STROEHER, Hans (Forschungszentrum Juelich GmbH)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 7

Type: **not specified**

## **Achievements at COSY**

*Monday, 13 March 2017 10:20 (20 minutes)*

**Presenter:** PRETZ, Jorg (Rheinisch-Westfaelische Tech. Hoch. (DE))

**Session Classification:** Survey of present situation and ongoing developments



Contribution ID: 8

Type: **not specified**

## Precursor experiment at COSY

*Monday, 13 March 2017 11:00 (20 minutes)*

**Presenter:** RATHMANN, Frank (Forschungszentrum Jülich)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 9

Type: **not specified**

## **Polarized beams and spin manipulation at COSY**

*Monday, 13 March 2017 11:20 (20 minutes)*

**Presenter:** Dr LORENTZ, Bernd Alfred (Forschungszentrum Jülich)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: **10**

Type: **not specified**

## **Stochastic cooling**

*Monday, 13 March 2017 11:40 (10 minutes)*

**Presenter:** STASSEN, Rolf

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 11

Type: **not specified**

## **Electric deflector development at RWTH**

*Monday, 13 March 2017 14:20 (10 minutes)*

**Presenter:** GRIGORIEV, Kirill

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 13

Type: **not specified**

## **High precision beam control, COSY orbit control**

*Monday, 13 March 2017 12:00 (20 minutes)*

**Presenter:** WEIDEMANN, Christian

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 14

Type: **not specified**

## **Polarized H-/D- source at COSY**

*Monday, 13 March 2017 12:20 (20 minutes)*

**Presenter:** GEBEL, Ralf (Forschungszentrum Juelich)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 15

Type: **not specified**

## High intensity polarized sources

*Monday, 13 March 2017 12:40 (20 minutes)*

**Presenter:** ZELENSKI, Anatoli (BNL)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 16

Type: **not specified**

## **Electric deflector development at RWTH**

**Session Classification:** Survey of present situation and ongoing developments



Contribution ID: 17

Type: **not specified**

## **Status/plans for EB deflector development at Jülich**

*Monday, 13 March 2017 14:30 (10 minutes)*

**Presenter:** BOKER, Jurgen

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: **18**

Type: **not specified**

## **Magnetic field cancellation in pEDM experiment**

*Monday, 13 March 2017 14:40 (20 minutes)*

**Presenter:** HACIOMEROGLU, Selcek

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 19

Type: **not specified**

## **State-of-the-art SQUIDS**

*Monday, 13 March 2017 15:00 (20 minutes)*

**Presenter:** MATLASOV, Andrei

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 20

Type: **not specified**

## **BPM development**

*Monday, 13 March 2017 15:20 (20 minutes)*

**Presenter:** SOLTNER, Helmut (Forschungszentrum Jülich GmbH)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 21

Type: **not specified**

## **State-of-the-art magnetic shielding**

*Monday, 13 March 2017 15:40 (15 minutes)*

**Presenter:** FIERLINGER, Peter (TU München)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 22

Type: **not specified**

## **Polarimetry - General considerations**

*Monday, 13 March 2017 16:35 (10 minutes)*

**Presenter:** STEPHENSON, Edward (Indiana University)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 23

Type: **not specified**

## **LYSO-based polarimeter**

*Monday, 13 March 2017 16:45 (10 minutes)*

**Presenter:** Dr KESHELASHVILI, Irakli (Forschungszentrum Jülich GmbH)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 24

Type: **not specified**

## **GEM-based polarimeter**

*Monday, 13 March 2017 16:55 (10 minutes)*

**Presenter:** TAE, Seong

**Session Classification:** Survey of present situation and ongoing developments



Contribution ID: 25

Type: **not specified**

## **Analytical, E&B-field related studies**

*Monday, 13 March 2017 17:05 (20 minutes)*

**Presenter:** SILENKO, Alexander (Belarusian State University)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 26

Type: **not specified**

## **Spin simulations for full frozen spin ring options**

*Monday, 13 March 2017 17:25 (20 minutes)*

**Presenter:** Dr DUTHEIL, Yann (forschungszentrum juelich)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 27

Type: **not specified**

## **SCT MWS simulations-wake field effects**

*Monday, 13 March 2017 17:45 (10 minutes)*

**Presenter:** KIM, YoungIm

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 28

Type: **not specified**

## **Spin Tracking for Final Ring Design**

*Monday, 13 March 2017 14:00 (20 minutes)*

**Presenter:** Prof. LEHRACH, Andreas (Forschungszentrum Juelich, RWTH Aachen University)

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: 29

Type: **not specified**

## **Analytical models for fringing fields of electrostatic deflectors**

*Monday, 13 March 2017 16:20 (15 minutes)*

**Presenter:** DE CONTO, Jean-Marie

**Session Classification:** Survey of present situation and ongoing developments

Contribution ID: **30**

Type: **not specified**

## **pEDM - lattice design and tracking**

*Monday, 13 March 2017 17:55 (15 minutes)*

**Presenter:** LUCCIO, Alfredo U (Brookhaven National Laboratory)

**Session Classification:** Survey of present situation and ongoing developments