# WAMSDO 2011 - Workshop on Accelerator Magnet, Superconductor, Design and Optimization - Monday 14 November 2011

# Report of Contributions

Contribution ID: **14** Type: **not specified**

# Welcome to WAMSDO

*Monday, 14 November 2011 09:00 (5 minutes)*

**Presenter:** DE RIJK, Gijs (CERN)

**Session Classification:** Irradiation of superconductors

Contribution ID: **15** Type: **not specified**

# Scope of the Superconductor radiation session

*Monday, 14 November 2011 09:05 (10 minutes)*

**Presenter:** Dr FLUKIGER, Rene (CERN)

**Session Classification:** Irradiation of superconductors

Contribution ID: **16** Type: **not specified**

# Radiation effects on fusion magnet components - 1: superconductors

*Monday, 14 November 2011 09:15 (35 minutes)*

**Presenter:** Dr WEBER, Harald (ATI)

**Session Classification:** Irradiation of superconductors

Contribution ID: **17** Type: **not specified**

# Irradiation of MgB2

*Monday, 14 November 2011 09:50 (30 minutes)*

**Presenter:** Ms PUTTI, Marina (Genova)

**Session Classification:** Irradiation of superconductors

Contribution ID: **18** Type: **not specified**

# Irradiation experiments at BNL

*Monday, 14 November 2011 10:35 (30 minutes)*

**Presenter:** Dr WANDERER, Peter (BNL)

**Session Classification:** Irradiation of superconductors

Contribution ID: **19** Type: **not specified**

# Covering parameter space for radiation effects

*Monday, 14 November 2011 11:05 (30 minutes)*

**Presenter:** MOKHOV, Nikolai (FERMILAB)

**Session Classification:** Irradiation of superconductors

Contribution ID: **20** Type: **not specified**

# Particle fluencies on LHC magnets

*Monday, 14 November 2011 11:35 (30 minutes)*

**Presenter:** CERUTTI, Francesco (CERN)

**Session Classification:** Irradiation of superconductors

Contribution ID: **21** Type: **not specified**

# What do we need ?

*Monday, 14 November 2011 12:05 (25 minutes)*

**Presenter:** Dr FLUKIGER, Rene (CERN)

**Session Classification:** Irradiation of superconductors

Contribution ID: **22** Type: **not specified**

# coffee break

Contribution ID: **23** Type: **not specified**

# Scope of the insulator irradiation session

*Monday, 14 November 2011 14:00 (10 minutes)*

**Presenter:** Dr FLUKIGER, Rene (CERN)

**Session Classification:** Irradiation of Insulators

Contribution ID: **24** Type: **not specified**

# Radiation effects on fusion magnet components - 2: insulators

*Monday, 14 November 2011 14:10 (30 minutes)*

**Presenter:** Dr WEBER, Harald (ATI)

**Session Classification:** Irradiation of Insulators

Contribution ID: **25** Type: **not specified**

# Mechanical properties of insulators

*Monday, 14 November 2011 14:40 (30 minutes)*

**Presenters:** ELLWOOD, George Edmund (STFC - Science & Technology Facilities Council (GB)); CANFER, Simon (STFC - Science & Technology Facilities Council (GB))

**Session Classification:** Irradiation of Insulators

Contribution ID: **26** Type: **not specified**

# Irradiation of insulators for EuCARD

*Monday, 14 November 2011 15:10 (30 minutes)*

**Presenters:** POLINSKI, Jaroslaw (Unknown); CHOROWSKI, Maciej (Wroclaw University of Technology)

**Session Classification:** Irradiation of Insulators

Contribution ID: **27** Type: **not specified**

# HL-LHC radiation situation

**Presenter:** CERUTTI, Francesco (CERN)

Contribution ID: **28** Type: **not specified**

# What do we need ?

**Presenter:** Dr FLUKIGER, Rene (CERN)

Contribution ID: **29** Type: **not specified**

# General discussion session

*Monday, 14 November 2011 17:30 (30 minutes)*

**Presenter:** FLUKIGER, Rene (Florida State University (US))

**Session Classification:** General Discussion

Contribution ID: **30** Type: **not specified**

# required beams for irradiation (samples, particles, energy, flux, time)

*Monday, 14 November 2011 16:00 (20 minutes)*

**Presenters:** DE RIJK, Gijs (CERN); FLUKIGER, Rene (Florida State University (US))

**Session Classification:** General Discussion

Contribution ID: **31** Type: **not specified**

# Neutron irradiation measurement for superconducting magnet materials at low temperature

*Monday, 14 November 2011 16:20 (30 minutes)*

**Presenter:** NAKAMOTO, Tatsushi (Unknown)

**Session Classification:** General Discussion

Contribution ID: **32** Type: **not specified**

# Activated samples: handling and measurements

*Monday, 14 November 2011 16:50 (20 minutes)*

**Session Classification:** General Discussion

Contribution ID: **33** Type: **not specified**

# list of experiments to do in the next 5 years

*Monday, 14 November 2011 17:10 (20 minutes)*

**Presenters:** DE RIJK, Gijs (CERN); FLUKIGER, Rene (Florida State University (US))

**Session Classification:** General Discussion