

Mini MeVArc meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Stochastic model for breakdown induced through plastic activity - an update

Tuesday 22 March 2016 10:00 (30 minutes)

Presenter: ASHKENAZY, Yinon (The Hebrew University of Jerusalem (IL))

Session Classification: Modeling and Simulation

Contribution ID: 1

Type: **not specified**

Correlating RF and DC breakdown through SEM of post-mortem electrodes

Wednesday 23 March 2016 14:00 (30 minutes)

Presenter: YASHAR, Ayelet (Hebrew University of Jerusalem)

Session Classification: Analysis and microscopy

Contribution ID: 2

Type: **not specified**

Surface and subsurface effects of breakdown

Wednesday 23 March 2016 14:30 (30 minutes)

Presenter: POPOV, Inna (T)

Session Classification: Analysis and microscopy

Contribution ID: 3

Type: **not specified**

Vacuum arc studies at the Hebrew University of Jerusalem

Monday 21 March 2016 14:35 (30 minutes)

Presenter: ASHKENAZY, Yinon (The Hebrew University of Jerusalem (IL))

Session Classification: Overview presentations

Contribution ID: 4

Type: **not specified**

Introduction to the CLIC high-gradient development program

Monday 21 March 2016 15:05 (30 minutes)

Presenter: WUENSCH, Walter (CERN)

Session Classification: Overview presentations

Contribution ID: 5

Type: **not specified**

RF Breakdown analysis for space microwave components in realistic scenarios: digital modulated signals. Application to Galileo Navigation system

Monday 21 March 2016 16:05 (30 minutes)

Presenter: GIMENO, Benito (University of Valencia)

Session Classification: Overview presentations

Contribution ID: 6

Type: **not specified**

Thermo-electrical simulations of field emitters - the influence of Nottingham effect

Tuesday 22 March 2016 08:30 (30 minutes)

Presenter: ZADIN, Vahur (University of Tartu)

Session Classification: Modeling and Simulation

Contribution ID: 7

Type: **not specified**

Modeling of vacuum breakdowns at University of Helsinki

Monday 21 March 2016 14:05 (30 minutes)

Presenter: DJURABEKOVA, Flyura (University of Helsinki)

Session Classification: Overview presentations

Contribution ID: 8

Type: **not specified**

Coffee

Monday 21 March 2016 15:35 (30 minutes)

Session Classification: Overview presentations

Contribution ID: 9

Type: **not specified**

Coffee

Tuesday 22 March 2016 09:30 (30 minutes)

Session Classification: Modeling and Simulation

Contribution ID: **10**

Type: **not specified**

Coffee

Wednesday 23 March 2016 15:00 (30 minutes)

Session Classification: Analysis and microscopy

Contribution ID: 12

Type: **not specified**

Pre-breakdown electron emission theory

Tuesday 22 March 2016 09:00 (30 minutes)

Presenter: KYRITSAKIS, Andreas (University of Helsinki)

Session Classification: Modeling and Simulation

Contribution ID: 13

Type: **not specified**

The stability of nanotips and nanowires and the effect of electric fields

Tuesday 22 March 2016 10:30 (30 minutes)

Presenter: JANSSON, Ville (University of Helsinki)

Session Classification: Modeling and Simulation

Contribution ID: 14

Type: **not specified**

In-SEM field emission studies

Tuesday 22 March 2016 14:00 (30 minutes)

Presenter: OGREN, Jim Alexander (Uppsala University (SE))

Session Classification: Experiments

Contribution ID: 15

Type: **not specified**

Laser-induced asymmetric faceting and growth of nano-protrusion on a tungsten tip

Tuesday 22 March 2016 15:00 (30 minutes)

Presenter: YANAGISAWA, Hirofumi (Max Planck Institute of Quantum Optics)

Session Classification: Experiments

Contribution ID: **16**

Type: **not specified**

Coffee

Tuesday 22 March 2016 15:30 (30 minutes)

Session Classification: Experiments

Contribution ID: **18**

Type: **not specified**

Comparison of pulsed dc and rf: conditioning and statistics

Tuesday 22 March 2016 17:00 (30 minutes)

Presenter: WUENSCH, Walter (CERN)

Session Classification: Experiments

Contribution ID: 19

Type: **not specified**

Radiation and field emission in rf structures

Tuesday 22 March 2016 14:30 (30 minutes)

Presenter: KASTRIOTOU, Maria (University of Liverpool (GB))

Session Classification: Experiments

Contribution ID: **20**

Type: **not specified**

Breakdown location with UCXS spectrometer at XBox2

Tuesday 22 March 2016 16:00 (30 minutes)

Presenters: TROPP, Anton (University of Uppsala); JACEWICZ, Marek (Uppsala University (SE))

Session Classification: Experiments

Contribution ID: 21

Type: **not specified**

Recent rf high-gradient testing results

Tuesday 22 March 2016 16:30 (30 minutes)

Presenter: GINER NAVARRO, Jorge (Instituto de Fisica Corpuscular (ES))

Session Classification: Experiments

Contribution ID: 22

Type: **not specified**

SEM analysis of the crab cavity

Wednesday 23 March 2016 15:30 (30 minutes)

Presenters: WOOLLEY, Ben (CERN); RODRIGUEZ CASTRO, Enrique (University of Vigo (ES))

Session Classification: Analysis and microscopy

Contribution ID: 23

Type: **not specified**

Welcome and Introduction

Monday 21 March 2016 14:00 (5 minutes)

Session Classification: Overview presentations

Contribution ID: 24

Type: **not specified**

High-Gradient Electrode Study for Pulsed Electron Gun

Monday 21 March 2016 16:35 (30 minutes)

Presenter: PARALIEV, Martin (PSI)

Session Classification: Overview presentations