

HG2006



Report of Contributions

Contribution ID: 5

Type: **not specified**

RF breakdown and pulsed surface heating tests of different materials

Presenter: Prof. HIRSHFIELD, Jay L (Yale University & Omega-P, Inc.)

Contribution ID: 6

Type: **not specified**

Pulsed heating/superconducting cavity set-up

Monday 25 September 2006 09:30 (30 minutes)

Presenter: Prof. TANTAWI, Sami (SLAC)

Session Classification: High-gradient rf experiments and results

Contribution ID: 7

Type: **not specified**

CLIC structure testing results

Monday 25 September 2006 10:00 (30 minutes)

Presenter: RODRIGUEZ, Jose Alberto (CERN)

Session Classification: High-gradient rf experiments and results

Contribution ID: 8

Type: **not specified**

Waveguide and single cell experiments

Monday 25 September 2006 11:00 (30 minutes)

Presenter: Dr DOLGASHEV, Valery (SLAC)

Session Classification: High-gradient rf experiments and results (cont.)

Contribution ID: **10**

Type: **not specified**

The Two-beam Test-stand in CTF3

Wednesday 27 September 2006 11:00 (30 minutes)

Presenter: JOHNSON, Magnus (Uppsala University)

Session Classification: Reports on facilities and from collaborations and projects

Contribution ID: 11

Type: **not specified**

The Yale/Omega-p 34 GHz test facility

Wednesday 27 September 2006 11:30 (30 minutes)

Presenter: Prof. HIRSHFIELD, Jay L (Yale University & Omega-P, Inc.)

Session Classification: Reports on facilities and from collaborations and projects

Contribution ID: 12

Type: **not specified**

Developments in rf breakdown theory since AAC06

Monday 25 September 2006 14:00 (30 minutes)

Presenter: Prof. WILSON, Perry (SLAC)

Session Classification: Theory and computation

Contribution ID: 13

Type: **not specified**

Traveling-wave breakdown limit scaling

Monday 25 September 2006 14:30 (30 minutes)

Presenter: Dr WUENSCH, Walter (CERN)

Session Classification: Theory and computation

Contribution ID: 14

Type: **not specified**

Dielectric multipactor calculations

Presenter: Dr POWER, john (Argonne National Lab)

Contribution ID: 15

Type: **not specified**

Breakdown theory

Presenter: Mr NOREM, Jim (Argonne National Lab)

Contribution ID: 16

Type: **not specified**

Active RF pulse compression

Tuesday 26 September 2006 11:30 (30 minutes)

Presenter: Prof. TANTAWI, Sami (SLAC)

Session Classification: Specialized experiments.

Contribution ID: 17

Type: **not specified**

Tungsten development

Monday 25 September 2006 16:00 (30 minutes)

Presenter: Dr LAURENT, Lisa (SLAC)

Session Classification: High-gradient technology, materials and processing

Contribution ID: **18**

Type: **not specified**

Some HG RF Issues in a HOM Polarized RF Gun for the ILC

Tuesday 26 September 2006 14:30 (30 minutes)

Presenter: Dr WANG, Juwen (SLAC)

Session Classification: Specialized experiments

Contribution ID: 19

Type: **not specified**

Pulsed surface heating: Ultrasonic and Laser fatigue experiments

Tuesday 26 September 2006 14:00 (30 minutes)

Presenter: HEIKKINEN, Samuli Tapio (Unknown)

Session Classification: Specialized experiments

Contribution ID: 20

Type: **not specified**

Pulsed surface heating: laser fatigue experiments

Presenter: Mr CALATRONI, Sergio (CERN)

Contribution ID: 21

Type: **not specified**

DC spark testing

Tuesday 26 September 2006 11:00 (30 minutes)

Presenter: RAMSVIK, Trond (Unknown)

Session Classification: Specialized experiments.

Contribution ID: 22

Type: **not specified**

RF breakdown and pulsed surface heating tests of different materials

Tuesday 26 September 2006 09:00 (30 minutes)

Presenter: Prof. HIRSHFIELD, Jay L (Yale University & Omega-P, Inc.)

Session Classification: High-gradient technology, materials and processing (cont.)

Contribution ID: 23

Type: **not specified**

3 and 30 GHz conditioning control software

Monday 25 September 2006 16:30 (30 minutes)

Presenter: DUBROVSKIY, Alexey (Unknown)

Session Classification: High-gradient technology, materials and processing

Contribution ID: 24

Type: **not specified**

High Frequency and High Field Studies at KEK

Wednesday 27 September 2006 12:00 (30 minutes)

Presenter: Dr MATSUMOTO, Shuji (KEK)

Session Classification: Reports on facilities and from collaborations and projects

Contribution ID: 25

Type: **not specified**

Introductory remarks

Monday 25 September 2006 09:00 (30 minutes)

Presenter: DELAHAYE, Jean-Pierre (CERN)

Session Classification: High-gradient rf experiments and results

Contribution ID: 26

Type: **not specified**

RF driven and beam-driven high-gradient test of dielectric structures

Monday 25 September 2006 11:30 (30 minutes)

Presenter: Dr POWER, John (Argonne National Lab)

Session Classification: High-gradient rf experiments and results (cont.)

Contribution ID: 27

Type: **not specified**

Electron microscopy analyses of CLIC Study structures exposed to RF

Tuesday 26 September 2006 09:30 (30 minutes)

Presenter: ARNAU IZQUIERDO, Gonzalo (CERN)

Session Classification: High-gradient technology, materials and processing (cont.)

Contribution ID: 28

Type: **not specified**

Status report of JINR-IAP-CLIC experiment on the copper cavity heating

Monday 25 September 2006 12:00 (30 minutes)

Presenter: Dr SEDYKH, Sergey (Joint Institute for Nuclear Research)

Session Classification: High-gradient rf experiments and results (cont.)

Contribution ID: 29

Type: **not specified**

rf acquisition system for CLIC high Gradient testing

Tuesday 26 September 2006 10:00 (30 minutes)

Presenter: FANDOS, Raquel (Unknown)

Session Classification: High-gradient technology, materials and processing (cont.)

Contribution ID: **30**

Type: **not specified**

What to do with a high gradient

Tuesday 26 September 2006 15:00 (30 minutes)

Presenter: ELLIS, Jonathan R. (CERN)

Session Classification: Specialized experiments

Contribution ID: 31

Type: **not specified**

High Voltage DC testing in the framework of a low emittance gun development

Tuesday 26 September 2006 12:00 (30 minutes)

Presenter: Dr LE PIMPEC, Frederic (Paul Scherrer Institute)

Session Classification: Specialized experiments.

Contribution ID: 32

Type: **not specified**

Breakdown theory

Monday 25 September 2006 15:00 (30 minutes)

Presenter: Mr NOREM, Jim (Argonne National Lab)

Session Classification: Theory and computation

Contribution ID: 33

Type: **not specified**

Experiment on metal surface damage using 120 keV beam

Monday 25 September 2006 17:00 (30 minutes)

Presenter: Dr DOLGASHEV, Valery (SLAC)

Session Classification: High-gradient technology, materials and processing

Contribution ID: 34

Type: **not specified**

Proposal to Study Dark Current Using X-band RF Gun

Tuesday 26 September 2006 16:30 (30 minutes)

Presenter: Dr DOLGASHEV, Valery (SLAC)

Session Classification: General discussion

Contribution ID: 35

Type: **not specified**

Open discussion

Tuesday 26 September 2006 17:00 (30 minutes)

Presenter: DOEBERT, Steffen (CERN)

Session Classification: General discussion

Contribution ID: 36

Type: **not specified**

Beta Enhancement Studies with an RF Photocathode Gun

Tuesday 26 September 2006 16:00 (30 minutes)

Presenter: Dr POWER, john (Argonne National Lab)

Session Classification: General discussion