

13th International Workshop on RF Superconductivity (SRF2007)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Growth of SRF in China

Monday 15 October 2007 09:30 (30 minutes)

Presenter: J. CHEN, PKU

Contribution ID: 1

Type: **not specified**

XFEL: Plans for 100 Cryomodules

Monday 15 October 2007 10:00 (30 minutes)

Presenter: L. LILJE, DESY

Contribution ID: 2

Type: **not specified**

SNS Commissioning and Upgrade Plans

Monday 15 October 2007 11:00 (30 minutes)

Presenter: I. CAMPISI, SNS

Contribution ID: 3

Type: **not specified**

Cornell ERL injector

Monday 15 October 2007 11:30 (30 minutes)

Presenter: M. LIEPE, CORNELL

Contribution ID: 4

Type: **not specified**

4GLS and ERLP

Monday 15 October 2007 12:00 (30 minutes)

Presenter: P. MCINTOSH, STFC/DL/ASTEC, DARESBURY

Contribution ID: 5

Type: **not specified**

FLASH

Monday 15 October 2007 12:30 (30 minutes)

Presenter: E. VOGEL, DESY

Contribution ID: 6

Type: **not specified**

Review of Linac-based FELs

Monday 15 October 2007 14:00 (30 minutes)

Presenter: J. KNOBLOCH, BESSY

Contribution ID: 7

Type: **not specified**

Review Operations of SRF in storage ring light sources

Monday 15 October 2007 14:30 (30 minutes)

(CESR, CLS, DIAMOND, SOLEIL, Beijing, Taiwan, include future NSLS-II)

Presenter: CHAOEN WANG, NSRRC

Contribution ID: 8

Type: **not specified**

U Delhi Booster and other Indian projects

Monday 15 October 2007 15:00 (30 minutes)

Presenter: AMIT ROY, NEW DEHLI

Contribution ID: 9

Type: **not specified**

Re-Accelerator at MSU

Monday 15 October 2007 15:30 (30 minutes)

Presenter: XIAOYU WU, NSCL

Contribution ID: **10**

Type: **not specified**

SPIRAL 2

Monday 15 October 2007 16:30 (30 minutes)

(description of project in general and recent results on
cavities)

Presenter: T. JUNQUERA, IPN ORSAY

Contribution ID: **11**

Type: **not specified**

ISAC-II

Monday 15 October 2007 17:00 (30 minutes)

Presenter: R.E. LAXDAL, TRIUMPH

Contribution ID: 12

Type: **not specified**

CH Cavity Development for Proton and Ion Acceleration

Monday 15 October 2007 17:30 (30 minutes)

Presenter: H. PODLECH, IAP FRANKFURT

Contribution ID: 13

Type: **not specified**

ALPI QWR and Superconducting RFQ operating experience

Monday 15 October 2007 18:00 (30 minutes)

Presenter: G. BISOFFI, INFN-LNL

Contribution ID: **14**

Type: **not specified**

First Principles

Tuesday 16 October 2007 08:30 (30 minutes)

Calculation of Ultimate Critical Field H_{sh} , and outstanding
issues

Presenter: J. SETHNA, CORNELL

Contribution ID: 15

Type: **not specified**

Dynamics and dissipation of vortex penetration

Tuesday 16 October 2007 10:00 (30 minutes)

Presenter: A. GUREVICH, ASC, UNIV. OF WISCONSIN

Contribution ID: **16**

Type: **not specified**

Review of experimental advances in Understanding High Field Q-slope

Tuesday 16 October 2007 09:00 (30 minutes)

(Cavity Measurements)

Presenter: P. CIOVATI, JLAB

Contribution ID: 17

Type: **not specified**

Review of experimental Advances in Understanding High Field Q-slope

Tuesday 16 October 2007 09:30 (30 minutes)

(Surface Measurements, XPS, AES, SIMS, TEM)

Presenter: A. ROMANENKO, CORNELL

Contribution ID: **18**

Type: **not specified**

Advances in Electroplishing / Rinsing Techniques and Diagnostics

Tuesday 16 October 2007 11:00 (30 minutes)

Presenter: J. MAMMOSSER,SNS

Contribution ID: **19**

Type: **not specified**

Gradient Yield Improvement

Tuesday 16 October 2007 11:30 (30 minutes)

Efforts for Single and Multi-Cells
and Progress for very high gradient cavities

Presenter: K. SAITO, KEK

Contribution ID: 20

Type: **not specified**

Prospects for higher temperature (T_c) superconductors for SRF application

Tuesday 16 October 2007 12:00 (30 minutes)

Presenter: XIAOXING XI, PENN. STATE UNIV., VALENTE

Contribution ID: **21**

Type: **not specified**

Summary of SRF Materials Meeting at FNAL

Tuesday 16 October 2007 12:30 (30 minutes)

Presenter: GENFA WU

Contribution ID: 23

Type: **not specified**

Temperature Map studies on Nearly Oxide-Free, Thin-Oxide and Standard-Oxide Cavities

Wednesday 17 October 2007 08:30 (10 minutes)

Presenter: G. EREMEEV, CORNELL

Contribution ID: 25

Type: **not specified**

Recent niobium thermal conductivity and heat transfer coefficient measurements

Wednesday 17 October 2007 08:40 (10 minutes)

Presenter: AHMAD AIZAZ, MSU, PAKISTAN AIR FORCE ACADEMY, RISALPUR

Contribution ID: 26

Type: **not specified**

Computation on SRF phenomena in the pulsed mode including multi-layer thin films

Wednesday 17 October 2007 08:50 (10 minutes)

Presenter: ALBERTO CANABAL, LANL, NEW MEXICO STATE UNIV.

Contribution ID: 27

Type: **not specified**

Basic EP process Characterization on small Nb samples

Wednesday 17 October 2007 09:00 (10 minutes)

Presenter: HUI TIAN, JLAB

Contribution ID: 28

Type: **not specified**

Microphonics in CW TESLA cavities

Wednesday 17 October 2007 09:25 (10 minutes)

Presenter: A. NEUMANN, BESSY

Contribution ID: 29

Type: **not specified**

Different sputtering configurations

Wednesday 17 October 2007 09:35 (10 minutes)

Presenter: GIULIA LANZA, INFN-LNL

Contribution ID: **30**

Type: **not specified**

The progress at LNL on Nb₃Sn and V₃Si

Wednesday 17 October 2007 09:45 (10 minutes)

Presenter: SILVIA DEAMBROSIS, INFN-LNL

Contribution ID: 31

Type: **not specified**

The application of plasma cleaning to the cavity processing

Wednesday 17 October 2007 09:55 (10 minutes)

Presenter: NICCOLÒ PATRON

Contribution ID: 32

Type: **not specified**

Electro-mechanical properties and LLRF control of multi-spoke superconducting cavities

Wednesday 17 October 2007 10:05 (10 minutes)

Presenter: ZACK CONWAY, ANL

Contribution ID: 33

Type: **not specified**

Progress in seamless Cavities

Wednesday 17 October 2007 11:00 (20 minutes)

Presenter: W. SINGER, DESY

Contribution ID: 34

Type: **not specified**

New Spoke resonators and Cryomodules Result

Wednesday 17 October 2007 11:20 (20 minutes)

Presenter: M. KELLY, ANL

Contribution ID: 35

Type: **not specified**

Review of New Tuner Designs

Wednesday 17 October 2007 11:40 (20 minutes)

Presenter: S. NOGUCHI, KEK

Contribution ID: 36

Type: **not specified**

Review of broadband HOM absorbers

Wednesday 17 October 2007 12:00 (20 minutes)

Presenter: N. SOLYAK, FNAL

Contribution ID: 37

Type: **not specified**

Overview of Input Power Coupler Developments, Pulsed and CW

Wednesday 17 October 2007 12:20 (20 minutes)

Presenter: S. BELOMESTNYKH, CORNELL

Contribution ID: **38**

Type: **not specified**

Superconducting RF Injectors

Wednesday 17 October 2007 12:40 (20 minutes)

Presenter: J. SEKUTOVICZ, DESY

Contribution ID: 39

Type: **not specified**

Review of Thin Film Workshop

Thursday 18 October 2007 08:30 (30 minutes)

Presenter: V. PALMIERI, INFN-LNL

Contribution ID: 40

Type: **not specified**

Progress on Large grain and Single Grain AND Review of Progress on Large Grain and Single Grain Cavities

Thursday 18 October 2007 09:00 (30 minutes)

Presenter: P. KNEISEL, JLAB

Contribution ID: 41

Type: **not specified**

Is Large Grain (Single Grain) Nb Better in Performance and Cost than Polycrystal ?

Thursday 18 October 2007 09:30 (1 hour)

Presenter: H. PADAMSEE, CORNELL

Contribution ID: 42

Type: **not specified**

Is 35 MV/m still a good choice for ILC ?

Thursday 18 October 2007 11:00 (1 hour)

Presenter: D. PROCH, DESY

Contribution ID: 43

Type: **not specified**

Industrial Study of FLASH Module Production

Thursday 18 October 2007 12:00 (40 minutes)

Presenter: B. PETERSEN, DESY

Contribution ID: 44

Type: **not specified**

Coupler Studies

Thursday 18 October 2007 12:40 (20 minutes)

Presenter: W.D. MOELLER, DESY

Contribution ID: 45

Type: **not specified**

BNL - electron cooling and electron-ion colliders

Friday 19 October 2007 08:30 (30 minutes)

Presenter: I. BEN-ZVI, BNL

Contribution ID: 46

Type: **not specified**

High average power ERL FEL

Friday 19 October 2007 09:00 (30 minutes)

Presenter: G. NEIL, JLAB

Contribution ID: 47

Type: **not specified**

Future High Intensity Proton Accelerators

Friday 19 October 2007 09:30 (30 minutes)

Presenter: F. GERIGK, CERN

Contribution ID: 48

Type: **not specified**

CEBAF energy upgrade program including re-work of CEBAF cavities

Friday 19 October 2007 10:00 (30 minutes)

Presenter: J. PREBLE, JLAB

Contribution ID: 49

Type: **not specified**

ILC: Goals and Progress of SRF R&D

Friday 19 October 2007 11:00 (1 hour)

Presenter: H. HAYANO, KEK

Contribution ID: 53

Type: **not specified**

Discussion

Thursday 11 October 2007 12:00 (30 minutes)

Contribution ID: 54

Type: **not specified**

Discussion

Thursday 11 October 2007 17:00 (30 minutes)

Contribution ID: 55

Type: **not specified**

Discussion

Friday 12 October 2007 12:00 (30 minutes)

Contribution ID: 56

Type: **not specified**

Discussion

Friday 12 October 2007 17:00 (30 minutes)

Contribution ID: 57

Type: **not specified**

Discussion

Saturday 13 October 2007 12:00 (30 minutes)

Contribution ID: **58**

Type: **not specified**

Discussion

Saturday 13 October 2007 17:00 (30 minutes)

Contribution ID: 59

Type: **not specified**

Opening Remarks

Monday 15 October 2007 09:00 (10 minutes)

Presenter: H. PADAMSEE

Contribution ID: **61**

Type: **not specified**

Welcome

Monday 15 October 2007 09:10 (10 minutes)

Presenters: CHEN JIA'ER; N.N

Contribution ID: **62**

Type: **not specified**

Organizational Issues

Monday 15 October 2007 09:20 (10 minutes)

Presenters: D. PROCH; N.N

Contribution ID: **63**

Type: **not specified**

Experience and prospects for Crab cavities

Monday 15 October 2007 18:30 (20 minutes)

Presenter: K. HOSOYAMA, KEK

Contribution ID: 64

Type: **not specified**

An investigation of the influence of grain boundaries on flux penetration in high purity large grain niobium for particle accelerators

Wednesday 17 October 2007 09:10 (10 minutes)

Presenter: Z.H. SUNG, ASC, FLORIDA STATE UNIV., TALLAHASSEE

Contribution ID: 65

Type: **not specified**

Half-reentrant cavities

Wednesday 17 October 2007 10:15 (10 minutes)

Presenter: MANDI MEIDLINGER, NSCL, MICHIGAN STATE UNIV.

Contribution ID: **66**

Type: **not specified**

R&D on the 3+1/2 cell DC-SC photo-cathode injector

Wednesday 17 October 2007 10:25 (10 minutes)

Presenter: WENCAN XU

Contribution ID: 67

Type: **not specified**

Closing ceremonies

Friday 19 October 2007 12:00 (1 hour)

Presenters: CHEN JIA'ER; DIETER PROCH