
Introduction of WG-1 ; Operational Performances of Cavities and Cryomodules

WG-1; Operational Performance of Cavity and Cryomodule

February, 28 (Mon) pm ;

- **Session 1: Cavity performance**
(C. Ginsburg and J. Mammosser)
- **Session 2: Cryomodule performance**
(A. Matheisen and E. Kako)

March, 01 (Tue) am ;

- **Session 3: Near future large scale system**
(D. Kostin and E. Kako)
- **Session 4: Low β cavity performance and limitations**
(P. Pierini and J. Mammosser)

WG-1: Session 1, Cavity Performance

14:30 – 16:30, 5 Talks and discussion (2.0 h)

- **14:30**, Yasuchika Yamamoto (KEK)
“Recent VT results in the STF-2 cavities” (20 min.)
- **14:50**, Charles Reece (Jlab)
“Experience with the CEBAF 12 GeV cavities to-date” (20 min.)
- **15:10**, Detlef Reschke (DESY)
“Recent cavity VT results at DESY” (20 min.)
- **15:30**, Camille Ginsburg (FNAL)
“Recent cavity VT results at FNAL” (20 min.)
- **15:50**, Joe Ozelis (FNAL)
“Data from explosive field emission in vertical tests” (20 min.)
- **16:10 – 16:30**, Overall Discussions

WG-1: Session 2, Cryomodule Performance

17:00 – 18:30, 4 Talks and discussion (1.5 h)

- **17:00, Eiji Kako (KEK)**
“High power tests in S1-Global cryomodule” (20 min.)
- **17:20, Rocco Paparella (INFN-Milano)**
“Comparison of tuner performance in S1-G” (15 min.)
- **17:35, Elvin Harms (FNAL)**
“Cryomodule tests in CM1 at FNAL” (20 min.)
- **17:55, Denis Kostin (DESY)**
“Cryomodule tests in FLASH and XFEL” (20 min.)
- **18:15 – 18:30, Overall Discussions**

WG-1: Session 3, Near-future large scale cavity/cryomodule system

9:00 – 10:00, 2 Talks and discussion (1.0 h)

- 9:00, Denis Kostin (DESY)
“Cryomodule tests at DESY; topic introduction” (20 min.)
- 9:20 – 9:40, Discussion on
“Experience exchange between low and high beta”
- 9:40, Giorgio Corniani (E. Zanon)
“E. ZANON infrastructure status for XFEL” (20 min.)

WG-1: Session 4, Low β cavity performance and limitations

10:00 – 11:00, 4 Talks and discussion (1.0 h)

- **10:00**, Guillaume Devanz (CEA-Saclay)
“ESS SC cavity R&D plan” (15 min.)
- **10:15**, Marco Busch (IAP)
“SC activities at IAP Frankfurt” (15 min.)
- **10:30**, Leonardo Ristori (FNAL)
“Low beta cavities and tuners development at FNAL” (15 min.)
- **10:45**, Stephen Molloy (RHUL)
“Estimation of ESS cavity-to-cavity coupling” (15 min.)

