

HOM issues in the ESS SC linac

Report of Contributions

Contribution ID: 1

Type: **not specified**

Meeting goals

Thursday 22 September 2011 09:10 (10 minutes)

Presenter: MOLLOY, Stephen (ESS)

Session Classification: Welcome

Contribution ID: 2

Type: **not specified**

Introduction and Welcome

Thursday 22 September 2011 09:00 (10 minutes)

Presenter: MCGINNIS, David (ESS)

Session Classification: Welcome

Contribution ID: 3

Type: **not specified**

Elliptical cavity design

Thursday 22 September 2011 10:20 (20 minutes)

Presenter: DEVANZ, guillaume

Session Classification: Beam parameters & cavity design

Contribution ID: 4

Type: **not specified**

Spoke cavity design

Thursday 22 September 2011 11:00 (20 minutes)

Session Classification: Beam parameters & cavity design

Contribution ID: 5

Type: **not specified**

Studies of HOMs in Elliptical and Spoke Cavities for ESS

Thursday 22 September 2011 13:30 (30 minutes)

Presenter: JONES, Roger (University of Manchester, Cockcroft Institute)

Session Classification: HOM couplers

Contribution ID: 6

Type: **not specified**

ESS time structure & bunch length

Thursday 22 September 2011 09:20 (30 minutes)

Presenter: DANARED, Håkan (ESS)

Session Classification: Beam parameters & cavity design

Contribution ID: 7

Type: **not specified**

Beam dynamics due to HOMs

Thursday 22 September 2011 11:20 (40 minutes)

Presenter: SCHUH, Marcel (CERN)

Session Classification: Beam parameters & cavity design

Contribution ID: 8

Type: **not specified**

HOM coupler design

Presenter: GLOCK, Hans-Walter (University of Rostock)

Contribution ID: **10**

Type: **not specified**

Coupler multipactor

Presenters: AINSWORTH, Robert (Royal Holloway, University of London); MOLLOY, Stephen (ESS)

Contribution ID: 11

Type: **not specified**

Multiple cavity effects (FE & eigenmodes)

Presenter: MOLLOY, Stephen (ESS)

Contribution ID: 12

Type: **not specified**

SNS experience

Presenter: MCGINNIS, Dave (ESS)

Contribution ID: 13

Type: **not specified**

SPL plans

Contribution ID: 14

Type: **not specified**

Considerations of cavity design

Thursday 22 September 2011 09:50 (30 minutes)

Presenter: CALAGA, Rama (Brookhaven National Laboratory (BNL))

Session Classification: Beam parameters & cavity design

Contribution ID: 15

Type: **not specified**

Summary of day 1

Friday 23 September 2011 09:00 (20 minutes)

Presenter: MOLLOY, Stephen (ESS)

Contribution ID: 16

Type: **not specified**

MP & FE in Vorpall

Presenter: SMITH, Jonny (Tech-X)

Contribution ID: 17

Type: **not specified**

HOMs as beam diagnostics

Presenter: BABOI, Nicoleta (DESY)

Contribution ID: **18**

Type: **not specified**

HOM coupler design

Thursday 22 September 2011 14:00 (35 minutes)

Presenter: GLOCK, Hans-Walter (Rostock)

Session Classification: HOM couplers

Contribution ID: **19**

Type: **not specified**

Coupler multipactor

Presenter: MOLLOY, Stephen (ESS)

Contribution ID: **20**

Type: **not specified**

Discussion

Thursday 22 September 2011 14:35 (20 minutes)

Session Classification: HOM couplers

Contribution ID: 21

Type: **not specified**

Coupler multipactor

Thursday 22 September 2011 15:20 (25 minutes)

Presenters: AINSWORTH, Robert (RHUL); MOLLOY, Stephen (ESS)

Session Classification: HOM coupler risks

Contribution ID: 22

Type: **not specified**

Discussion

Thursday 22 September 2011 15:45 (1h 15m)

Session Classification: HOM coupler risks

Contribution ID: 23

Type: **not specified**

MP & FE in Vorpál

Friday 23 September 2011 09:20 (25 minutes)

Presenter: SMITH, Jonathan (Tech-X)

Session Classification: Discussion - Simulation studies

Contribution ID: 24

Type: **not specified**

Multi-cavity effects

Friday 23 September 2011 09:45 (20 minutes)

Presenter: MOLLOY, Stephen (ESS)

Session Classification: Discussion - Simulation studies

Contribution ID: 25

Type: **not specified**

HOMs as beam diagnostics

Friday 23 September 2011 11:05 (15 minutes)

Presenter: BABOI, Nicoleta (DESY)

Session Classification: Discussion - Studies at test stands