

MADMAX Summer Collaboration Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening remarks

Thursday, 3 July 2025 09:00 (15 minutes)

Presenter: MAJOROVITS, Béla (Max-Planck-Institut für Physik)

Contribution ID: 2

Type: **not specified**

RC: status and plans

Thursday, 3 July 2025 10:50 (30 minutes)

receiver cryostat status and plans - Georg
+ Report on cryostat welding scheme
+ testing cryostat
+ plans for welding anchor points
+ overall time plan

Presenter: OBERMÜLLER, Georg (Max-Planck-Institut für Physik)

Session Classification: Receiver cryostat

Contribution ID: 3

Type: **not specified**

Horn antenna setup

Thursday, 3 July 2025 11:35 (15 minutes)

Design and production status

Presenter: OBERMÜLLER, Georg (Max-Planck-Institut für Physik)

Session Classification: Receiver cryostat

Contribution ID: 4

Type: **not specified**

Motor tests

Thursday, 3 July 2025 11:20 (15 minutes)

Presenter: KREIKEMEYER, Dagmar

Session Classification: Receiver cryostat

Contribution ID: 5

Type: **not specified**

RC Discussion

Thursday, 3 July 2025 12:10 (20 minutes)

Session Classification: Receiver cryostat

Contribution ID: 6

Type: **not specified**

Report of OB300 first assembly

Thursday, 3 July 2025 14:00 (20 minutes)

Presenter: OBERMÜLLER, Georg (Max-Planck-Institut für Physik)

Session Classification: OB300 readiness

Contribution ID: 7

Type: **not specified**

Status of components and tools

Thursday, 3 July 2025 14:20 (20 minutes)

Presenter: KARST, Pierre (Centre de Physique des Particules de Marseille CPPM/CNRS)

Session Classification: OB300 readiness

Contribution ID: 8

Type: **not specified**

Discussion OB300

Thursday, 3 July 2025 14:55 (30 minutes)

Session Classification: OB300 readiness

Contribution ID: 9

Type: **not specified**

Beam waist measurements

Friday, 4 July 2025 09:20 (30 minutes)

Presenter: STANKEWITZ, Lea

Session Classification: OB300 calibration

Contribution ID: **10**

Type: **not specified**

Status of receiver system and DAQ

Friday, 4 July 2025 09:50 (30 minutes)

Presenter: LIU, Xiang (Max-Planck-Institut für Physik)

Session Classification: OB300 calibration

Contribution ID: **11**

Type: **not specified**

Discussion - next steps and DAQ choice

Friday, 4 July 2025 10:20 (30 minutes)

Session Classification: OB300 calibration

Contribution ID: **12**

Type: **not specified**

Calibrations schemes

Thursday, 3 July 2025 15:55 (30 minutes)

Presenter: MALDONADO, Juan (Max Planck Institute for Physics)

Session Classification: Boost factor determination and cold calibration of OB300

Contribution ID: **13**

Type: **not specified**

Reports on last tests

Thursday, 3 July 2025 16:25 (20 minutes)

Presenter: ZAITSEVA, Eugenie

Session Classification: Boost factor determination and cold calibration of OB300

Contribution ID: 14

Type: **not specified**

OB300 disk arrangement and boost factor simulations

Thursday, 3 July 2025 16:45 (20 minutes)

Presenter: DABHI, Vijay (CPPM, Marseille)

Session Classification: Boost factor determination and cold calibration of OB300

Contribution ID: 15

Type: **not specified**

Discussion on cold calib

Thursday, 3 July 2025 17:05 (30 minutes)

Session Classification: Boost factor determination and cold calibration of OB300

Contribution ID: **16**

Type: **not specified**

Bead pull setup

Friday, 4 July 2025 09:00 (20 minutes)

Presenter: BERGERMANN, Dominik (RWTH Aachen)

Session Classification: OB300 calibration

Contribution ID: 17

Type: **not specified**

Discussion: Preparations for site acceptance test

Thursday, 3 July 2025 10:00 (30 minutes)

Session Classification: MC

Contribution ID: **18**

Type: **not specified**

MC update

Thursday, 3 July 2025 09:15 (30 minutes)

Presenter: KRIEGER, Christoph (University of Hamburg)

Session Classification: MC

Contribution ID: **19**

Type: **not specified**

Definition of main tests to be done

Presenter: MAJOROVITS, Béla (Max-Planck-Institut für Physik)

Session Classification: Planning of tests at SHELL

Contribution ID: 20

Type: **not specified**

Integration and Alignment Procedure of OB300

Friday, 4 July 2025 11:10 (30 minutes)

Presenter: KARST, Pierre (Centre de Physique des Particules de Marseille CPPM/CNRS)

Session Classification: Planning of tests at SHELL

Contribution ID: **21**

Type: **not specified**

RF alignment in MC

Friday, 4 July 2025 11:40 (25 minutes)

Presenter: STANKEWITZ, Lea

Session Classification: Planning of tests at SHELL

Contribution ID: 22

Type: **not specified**

Bead pull in MC at warm

Presenter: BERGERMANN, Dominik (RWTH Aachen)

Session Classification: Planning of tests at SHELL

Contribution ID: 23

Type: **not specified**

Discussion: schedule for the next months

Friday, 4 July 2025 12:05 (30 minutes)

Session Classification: Planning of tests at SHELL

Contribution ID: **24**

Type: **not specified**

Closing words

Friday, 4 July 2025 13:00 (20 minutes)

Presenters: MAJOROVITS, Béla (Max-Planck-Institut für Physik); ERIKA, Garutti

Contribution ID: 25

Type: **not specified**

Filter Boxes

Thursday, 3 July 2025 11:50 (20 minutes)

Presenter: BYUN, HeeSu

Session Classification: Receiver cryostat

Contribution ID: 26

Type: **not specified**

Installation Procedure at SHELL

Thursday, 3 July 2025 14:40 (15 minutes)

Presenter: KARST, Pierre (Centre de Physique des Particules de Marseille CPPM/CNRS)

Session Classification: OB300 readiness

Contribution ID: 27

Type: **not specified**

RF filters

Presenter: BYUN, HeeSu

Session Classification: Planning of tests at SHELL

Contribution ID: 28

Type: **not specified**

Discussion on bead pull for boost factor determination?

Presenter: IVANOV, Anton (MADMAX)

Session Classification: Boost factor determination and cold calibration of OB300

Contribution ID: 29

Type: **not specified**

RF filter design for thermometers

Thursday, 3 July 2025 09:45 (15 minutes)

Presenter: KITTLINGER, David (Max-Planck-Institut für Physik)

Session Classification: MC