MADMAX Collaboration Meeting

Report of Contributions

https://indico.mpp.mpg.de/e/5777

Contribution ID: **0** Type: **not specified**

Studying gravitational waves with radio telescopes - today and tomorrow

Tuesday, 8 May 2018 16:45 (1 hour)

Presenter: Prof. KRAMER, Michael

Contribution ID: **3** Type: **not specified**

Welcome

Tuesday, 8 May 2018 09:00 (5 minutes)

Session Classification: Theory & Proof of principle booster measurements

Contribution ID: **4** Type: **not specified**

Miniclusters

Tuesday, 8 May 2018 09:05 (30 minutes)

Presenter: Dr REDONDO, Javier (Max Planck for Physics)

Session Classification: Theory & Proof of principle booster measurements

Contribution ID: **5** Type: **not specified**

Booster physics and the way to realization

Tuesday, 8 May 2018 09:35 (40 minutes)

Presenters: Mr SCHÜTTE-ENGEL, Jan (Uni Hamburg); KNIRCK, Stefan (Max Planck for Physics)

Session Classification: Theory & Proof of principle booster measurements

Contribution ID: **6** Type: **not specified**

Measurements on reflections

Tuesday, 8 May 2018 10:15 (25 minutes)

Presenter: EGGE, Jacob (Max Planck for Physics)

Session Classification: Theory & Proof of principle booster measurements

Contribution ID: **7** Type: **not specified**

Cryostat commissioning

Tuesday, 8 May 2018 10:40 (10 minutes)

Presenter: GOOCH, Christopher (Max Planck for Physics)

Session Classification: Theory & Proof of principle booster measurements

Contribution ID: **8** Type: **not specified**

Disc positioning - motors

Tuesday, 8 May 2018 11:35 (15 minutes)

Presenter: KITTLINGER, David (MPI für Physik)

Session Classification: Booster Design and prototype - Distance measurement

Contribution ID: **9** Type: **not specified**

Status design & Tiling

Tuesday, 8 May 2018 11:50 (30 minutes)

Presenter: MATYSZEK, Michael

Session Classification: Booster Design and prototype - Distance measurement

Contribution ID: **10** Type: **not specified**

Booster cryogenics & Characterization measurements needed

Tuesday, 8 May 2018 11:20 (15 minutes)

Presenter: Prof. GARUTTI, Erika

Session Classification: Booster Design and prototype - Distance measurement

Contribution ID: **11** Type: **not specified**

DESY Infrastructure Space & weight constraints

Tuesday, 8 May 2018 12:20 (20 minutes)

Presenter: Dr SCHAFFRAN, Joern

Session Classification: Booster Design and prototype - Distance measurement

Contribution ID: **12** Type: **not specified**

Interferometer for proof of principle and prototype

Tuesday, 8 May 2018 12:40 (15 minutes)

Presenter: Dr STRANDHAGEN, Christian

Session Classification: Booster Design and prototype - Distance measurement

Contribution ID: **13** Type: **not specified**

Receiver news and to Do List

Tuesday, 8 May 2018 12:55 (15 minutes)

Presenter: Dr REIMANN, Olaf

Session Classification: Booster Design and prototype - Distance measurement

Contribution ID: **14** Type: **not specified**

Logo inauguration

Tuesday, 8 May 2018 14:15 (15 minutes)

Session Classification: Session3

Contribution ID: **15** Type: **not specified**

Webpage

Tuesday, 8 May 2018 14:30 (5 minutes)

Session Classification: Session3

Contribution ID: **16** Type: **not specified**

Introduction to Confluence

Tuesday, 8 May 2018 14:35 (50 minutes)

Presenter: Dr KRIEGER, Christoph

Session Classification: Session3

Contribution ID: **17** Type: **not specified**

Booster analytical calculations & Simulations

Tuesday, 8 May 2018 15:25 (45 minutes)

Primary author: Mr SCHÜTTE-ENGEL, Jan (Uni Hamburg)

Session Classification: Session3

Contribution ID: **18** Type: **not specified**

Loss mechanisms tan delta requirements

Tuesday, 8 May 2018 16:10 (20 minutes)

Presenter: PARTSCH, Alexander (Max Planck for Physics)

Session Classification: Session3

Contribution ID: **19** Type: **not specified**

Bottle necks and Potential show stoppers

Tuesday, 8 May 2018 17:45 (20 minutes)

Presenter: Dr MAJOROVITS, Béla (Max Planck for Physics)

Session Classification: Discussion: Strategy - Bottlenecks

Contribution ID: **20** Type: **not specified**

Discussion - Prototype magnets

Tuesday, 8 May 2018 18:05 (20 minutes)

Session Classification: Discussion: Strategy - Bottlenecks

Contribution ID: **21** Type: **not specified**

CEA IRFU SACLAY Magnet study status

Wednesday, 9 May 2018 09:00 (30 minutes)

Presenter: Dr ABDEL MAKSUD, Walid

Session Classification: Session 4

Contribution ID: **22** Type: **not specified**

Bilfinger Noell Magnet study status

Wednesday, 9 May 2018 09:30 (30 minutes)

Presenter: Dr BOFFO, Cristian

Session Classification: Session 4

Contribution ID: **23** Type: **not specified**

Discussion What kind of prototypes

Wednesday, 9 May 2018 10:00 (30 minutes)

Session Classification: Session 4

Contribution ID: **24** Type: **not specified**

IAXO guest talk

Wednesday, 9 May 2018 10:50 (45 minutes)

Presenter: Dr LINDNER, Axel

Session Classification: Session 5

Contribution ID: **25** Type: **not specified**

Discussion Prototype magnet at Saclay

Wednesday, 9 May 2018 11:45 (10 minutes)

Session Classification: Session 5

Contribution ID: **26** Type: **not specified**

Prototype magnets at DESY

Wednesday, 9 May 2018 11:55 (10 minutes)

Primary author: Dr SCHAFFRAN, Joern

Session Classification: Session 5

Contribution ID: **27** Type: **not specified**

Discussion - BabyIAXO magnet synergies(?)

Wednesday, 9 May 2018 11:35 (10 minutes)

Session Classification: Session 5

Contribution ID: **28** Type: **not specified**

Discussion Innovation partnership: Complementarities btw. Saclay and CEA

Wednesday, 9 May 2018 12:30 (40 minutes)

Session Classification: Session 6

Contribution ID: **29** Type: **not specified**

KAT KET KHuK Strategy meeting report

Wednesday, 9 May 2018 12:05 (25 minutes)

Session Classification: Session 5

Contribution ID: **30** Type: **not specified**

Theoretical overview axions landscape

Wednesday, 9 May 2018 15:00 (45 minutes)

Presenter: Dr RINGWALD, Andreas

Session Classification: Last session

Contribution ID: **31** Type: **not specified**

Dark matter velocity distributions what does it mean for MADMAX

Wednesday, 9 May 2018 15:45 (20 minutes)

Presenter: Dr O'HARE, Ciaran

Session Classification: Last session

Contribution ID: **32** Type: **not specified**

Influence of string decays on axion mass prediction

Wednesday, 9 May 2018 16:05 (20 minutes)

Presenter: SAIKAWA, Kenichi (Max Planck for Physics)

Session Classification: Last session

Contribution ID: **33** Type: **not specified**

Report from Collaboration Board

Wednesday, 9 May 2018 16:25 (10 minutes)

Presenter: Prof. GARUTTI, Erika

Session Classification: Last session

Contribution ID: **34** Type: **not specified**

Closeout

Wednesday, 9 May 2018 16:35 (5 minutes)

Session Classification: Last session