

# **Beyond ALPS II**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# ALPS schedule and upgrade options I

*Monday 8 February 2021 17:15 (20 minutes)*

**Presenter:** SPECTOR, Aaron (DESY)

**Session Classification:** ALPS II upgrade options

Contribution ID: 2

Type: **not specified**

## ALPS upgrade options II

*Monday 8 February 2021 17:35 (20 minutes)*

**Presenter:** ISLEIF, Katharina-Sophie (ALPS (ALPS \_ Any Light Particle Search))

**Session Classification:** ALPS II upgrade options

Contribution ID: 3

Type: **not specified**

## ALPS II with $n>1$

*Monday 8 February 2021 17:55 (20 minutes)*

**Presenter:** TRINES, Dieter (DESY)

**Session Classification:** ALPS II upgrade options

Contribution ID: 4

Type: **not specified**

## Discussion

**Session Classification:** ALPS II upgrade options

Contribution ID: 5

Type: **not specified**

## **Physics case for upgrading ALPS II and joint analysis with BabylAXO data**

*Monday 8 February 2021 18:15 (20 minutes)*

**Presenter:** JOERG, Jaeckel (Uni. Heidelberg)

**Session Classification:** ALPS II upgrade options

Contribution ID: 6

Type: **not specified**

## Discussion

*Monday 8 February 2021 18:35 (25 minutes)*

**Session Classification:** ALPS II upgrade options

Contribution ID: 7

Type: **not specified**

## **VMB using the ALPS magnet string: An Introduction**

*Monday 8 February 2021 15:30 (20 minutes)*

**Presenter:** UMINSKA, Ada (University of Florida)

**Session Classification:** Vacuum magnetic birefringence at the ALPS magnet string



Contribution ID: 8

Type: **not specified**

## Heterodyne VMB experiment

*Monday 8 February 2021 15:50 (20 minutes)*

**Presenter:** HOLLIS, Hal (University of Florida)

**Session Classification:** Vacuum magnetic birefringence at the ALPS magnet string

Contribution ID: 9

Type: **not specified**

## Another VMB approach

*Monday 8 February 2021 16:10 (20 minutes)*

**Presenter:** MARTYNOV, Dennis (University of Birmingham)

**Session Classification:** Vacuum magnetic birefringence at the ALPS magnet string

Contribution ID: **10**

Type: **not specified**

## Discussion

*Monday 8 February 2021 16:30 (30 minutes)*

**Session Classification:** Vacuum magnetic birefringence at the ALPS magnet string

Contribution ID: 11

Type: **not specified**

# Why search for ultra-HF gravitational waves?

*Tuesday 9 February 2021 15:00 (20 minutes)*

**Presenter:** FIGUEROA, Daniel (CERN)

**Session Classification:** Ultra high frequency gravitational waves

Contribution ID: 12

Type: **not specified**

## Optical receivers for the ALPS magnets

*Tuesday 9 February 2021 15:40 (20 minutes)*

**Presenter:** EJLLI, Aldo (Cardiff University)

**Session Classification:** Ultra high frequency gravitational waves

Contribution ID: 13

Type: **not specified**

## Detectors and Experiments for HF GW's

*Tuesday 9 February 2021 15:20 (20 minutes)*

**Presenter:** CRUISE, Mike (Birmingham University (Prof. em.))

**Session Classification:** Ultra high frequency gravitational waves

Contribution ID: **14**

Type: **not specified**

## Discussion

*Tuesday 9 February 2021 16:00 (15 minutes)*

**Session Classification:** Ultra high frequency gravitational waves

Contribution ID: 15

Type: **not specified**

## Interferometry Haloscope experiment

*Tuesday 9 February 2021 16:30 (20 minutes)*

**Presenter:** HAIXING, Miao (University of Birmingham)

**Session Classification:** Other ideas for particle physics with precision interferometry



Contribution ID: **16**

Type: **not specified**

## Discussion

*Tuesday 9 February 2021 16:50 (20 minutes)*

**Session Classification:** Other ideas for particle physics with precision interferometry

Contribution ID: 17

Type: **not specified**

## The ALPS II site

*Monday 8 February 2021 15:05 (20 minutes)*

**Presenter:** REUTHER, David (DESY)

**Session Classification:** Introduction

Contribution ID: **18**

Type: **not specified**

# Welcome

*Monday 8 February 2021 15:00 (5 minutes)*

**Session Classification:** Introduction

Contribution ID: **19**

Type: **not specified**

## Questions

*Monday 8 February 2021 15:25 (5 minutes)*

**Session Classification:** Introduction