

## **Session Program**

**4-5 Apr 2024**

# **HALHF Workshop**

Oslo, 4-5 April 2024



## **HALHF Workshop - Oslo, Norway**

### ***Subsystem session***

Soria Moria Hotel and Conference Centre, <https://uio.zoom.us/j/63550016921>  
Voksenkollveien 60 0790 Oslo Norway

# Thursday 4 April

11:15

## Subsystem session: Plasma acceleration #1

**Session** |

**Location:** Soria Moria Hotel and Conference Centre, <https://uio.zoom.us/j/63550016921>, Voksenkollveien 60 0790 Oslo Norway

11:15–11:30

### Introduction to the PWFA session

**Speaker**

Erik Adli

11:30–12:00

### Resonant emittance mixing of flat beams in plasma accelerators

**Speaker**

Maxence Thevenet

12:00–12:30

### Achromatic staging and nonlinear plasma lenses

**Speaker**

Pierre Drobniak

12:30

13:45

## Subsystem session: Plasma acceleration #2

**Session** |

**Location:** Soria Moria Hotel and Conference Centre, <https://uio.zoom.us/j/63550016921>, Voksenkollveien 60 0790 Oslo Norway

13:45–14:05

### Radiation reaction in HALHF plasma stages

**Speaker**

Daniel Kalvik

14:05–14:30

### Transverse instabilities in HALHF

**Speaker**

Jian Bin Ben Chen

14:30–14:50

### Progress and roadmap of PWFA experiments

**Speaker**

Jonathan Christopher Wood

14:50

14:50

## Subsystem session: Detectors and physics

**Session** |

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14:50–15:05

### Overview on Physics and Detector

**Speaker**

Jenny List

15:05–15:30

### Plans towards an asymmetric detector for HALHF

**Speaker**

Antoine Laudrain

15:30

16:00

**Subsystem session: RF linacs, BDS, positrons****Session** |**Location:** Soria Moria Hotel and Conference Centre, <https://uio.zoom.us/j/63550016921>, Voksenkollveien 60 0790 Oslo Norway

16:00–16:30

**Considerations of superconducting RF linacs****Speaker**

Nicholas Walker

16:30–17:00

**Considerations of warm RF linacs****Speaker**

Dr Benno List

17:00–17:20

**RF structure optimization****Speaker**

Kyrre Ness Sjøbæk

17:20