

**Session Program**

**6-8 Nov 2024**



**AWAKE Collaboration Meeting 6-8 November  
2024**

***Run 2b***

CERN, 6/2-004

# Wednesday 6 November

14:30

## Run 2b

**Session** | **Location:** CERN, 6/2-004

14:30–14:45 **Summary of run 2024**

**Speaker**

Dr Michele Bergamaschi

**Location**

CERN, 6/2-004

14:50–15:05

### Operation of the electron beam for acceleration, and SM and hosing seeding

**Speaker**

Nikita Zena van Gils

**Location**

CERN, 6/2-004

15:10–15:25

### Measurement of the effect of the plasma density step on electron energy gain

**Speaker**

Fern Elizabeth Pannell

**Location**

CERN, 6/2-004

15:25–15:40 **Discussion**

**Location**

CERN, 6/2-004

15:40–16:00 **Coffee Break**

16:00–16:20 **Seeding of SM as a function of p+ bunch and plasma parameters**

**Speaker**

Jan Pucek

**Location**

CERN, 6/2-004

16:25–16:40

### Validation of the "plasma light" diagnostic and measurement of SM growth

**Speaker**

Jan Aaron Mezger

**Location**

CERN, 6/2-004

16:45–17:00 **Measurement of SM growth from radius of beam halo**

**Speaker**

Arthur Clairembaud

**Location**  
CERN, 6/2-004

17:05-17:20 **Measurements of the behavior of the first microbunch of SM**

**Speaker**  
Helena Jaworska

**Location**  
CERN, 6/2-004

17:20-17:35 **Discussion**

**Location**  
CERN, 6/2-004

19:20

# Thursday 7 November

09:00

## Run 2b

**Session** | **Location:** CERN, 6/2-004

09:00–09:15 **Suppression of SM growth by density gradients**

**Speaker**

Marlene Turner

**Location**

CERN, 6/2-004

09:20–09:30 **Growth of hosing as a function of plasma length**

**Speaker**

Dr Michele Bergamaschi

**Location**

CERN, 6/2-004

09:35–09:50 **Schlieren measurements results and plans**

**Speaker**

Lucas Alexei Ranc

**Location**

CERN, 6/2-004

09:55–10:10 **Miscellaneous experimental results**

**Speaker**

Patric Muggli

**Location**

CERN, 6/2-004

10:15–10:35 **Coffee break**

10:40–10:55 **Update on UoL's activity for AWAKE run 2c**

**Speaker**

Debdeep Ghosal

**Location**

CERN, 6/2-004

11:00–11:15 **Scalable plasma sources update**

**Speaker**

Alban Sublet

**Location**

CERN, 6/2-004

11:15–11:25 **Update on DPS studies**

**Speaker**

Carolina Amoedo

**Location**  
CERN, 6/2-004

11:25-11:35 **DPS studies at Imperial College**

**Speaker**  
Claudia Cobo

**Location**  
CERN, 6/2-004

11:35-12:00 **Discussion**

**Location**  
CERN, 6/2-004

12:00