

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