

**In-person miniMeVArc at
CERN, 14-15 September 2023,
Geneva, Switzerland**



Report of Contributions

Contribution ID: 1

Type: **not specified**

CERN pulsed dc systems: RFQ, materials, microscopy

Thursday 14 September 2023 09:00 (30 minutes)

Presenter: SERAFIM, Catarina (University of Helsinki (FI))

Contribution ID: 2

Type: **not specified**

Characterizing Electrodes - on zebras and red herrings

Thursday 14 September 2023 12:00 (30 minutes)

Presenter: ASHKENAZY, Yinon (The Hebrew University of Jerusalem (IL))

Contribution ID: 3

Type: **not specified**

High gradient RF challenges in the muon collider

Thursday 14 September 2023 14:00 (30 minutes)

Presenter: GRUDIEV, Alexej (CERN)

Contribution ID: 4

Type: **not specified**

Banquet

Thursday 14 September 2023 19:30 (2h 30m)

Cafe PAPON: 1, rue Henri-Fazy, CH-1204, GENEVA

Contribution ID: 5

Type: **not specified**

Tram to Geneva

Thursday 14 September 2023 18:45 (45 minutes)

Contribution ID: 6

Type: **not specified**

Session 3 - Part 1

Contribution ID: 7

Type: **not specified**

Session 4 - Part 2

Friday 15 September 2023 16:00 (1 hour)

Contribution ID: 8

Type: **not specified**

Growth of Nb films on Cu for superconducting radio frequency cavities by direct current and high power impulse magnetron sputtering: a molecular dynamics and experimental study

Friday 15 September 2023 14:00 (30 minutes)

Presenter: GHAEMIKERMANI, Milad (University of Helsinki)

Contribution ID: 9

Type: **not specified**

CERN pulsed dc systems: RFQ, additive manufactured, field and light emission

Thursday 14 September 2023 09:30 (30 minutes)

Presenter: BJELLAND, Victoria Madeleine

Contribution ID: **10**

Type: **not specified**

Field dependence of conditioning: Monte Carlo and experiment

Thursday 14 September 2023 10:00 (30 minutes)

Presenters: Mr MILLAR, Lee (CERN); BJELLAND, Victoria Madeleine

Contribution ID: **11**

Type: **not specified**

Information request for European Strategy for Particle Physics

Thursday 14 September 2023 15:00 (10 minutes)

Presenter: WUENSCH, Walter (CERN)

Contribution ID: 12

Type: **not specified**

Simulations of early stage plasma initiation during vacuum arching with FEMOCS

Friday 15 September 2023 11:00 (30 minutes)

Presenter: KOITERMAA, Roni (University of Helsinki)

Contribution ID: 13

Type: **not specified**

Conditioning and FE measurements of niobium electrodes under cryogenic temperatures”.

Thursday 14 September 2023 11:00 (30 minutes)

Presenter: COMAN, Mircea (Uppsala University)

Contribution ID: 14

Type: **not specified**

Characterization of cathode and anode breakdown features

Thursday 14 September 2023 11:30 (30 minutes)

Presenter: JACEWICZ, Marek (Uppsala University (SE))

Contribution ID: 15

Type: **not specified**

Early history and the search of VBD zebras

Friday 15 September 2023 09:00 (30 minutes)

Presenter: BARRANCO CÁRCELES, Salva (University of Edinburgh)

Contribution ID: 16

Type: **not specified**

Preliminary experimental evidence for the protrusion hypothesis on CuO forest

Friday 15 September 2023 09:30 (30 minutes)

Presenter: ORAS, Sven (University of Tartu)

Contribution ID: 17

Type: **not specified**

Pulsed dc and XBox visits

Thursday 14 September 2023 15:10 (20 minutes)

Contribution ID: **18**

Type: **not specified**

Pulsed dc and XBox visits

Thursday 14 September 2023 16:00 (1h 30m)

Contribution ID: **19**

Type: **not specified**

Nanostructured photocathode development: Overview and link to breakdowns studies

Friday 15 September 2023 10:00 (30 minutes)

Presenter: BJELLAND, Victoria Madeleine

Contribution ID: 20

Type: **not specified**

Current status of electromagnetic power coupling in simulated breakdown dynamics

Friday 15 September 2023 11:30 (30 minutes)

Presenter: TIIRATS, Tauno (University of Tartu)

Contribution ID: 21

Type: **not specified**

Surface protrusion formations due to carbon deposition in TEM observations

Friday 15 September 2023 12:00 (30 minutes)

Presenter: Prof. ZADIN, Veronika (University of Tartu (EE))

Contribution ID: 22

Type: **not specified**

Growth mechanisms of hydrogen blisters in copper

Thursday 14 September 2023 14:30 (30 minutes)

Presenter: LOPEZ CAZALILLA, Alvaro

Contribution ID: 23

Type: **not specified**

Electrostatic septa high-field studies

Friday 15 September 2023 14:30 (30 minutes)

Presenter: BALHAN, Bruno (CERN)