

19th Belle II Italy meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Upgrade session wrap-up and forthcoming CSN1 talk

Contribution ID: 2

Type: **not specified**

Outreach Report

Tuesday, May 9, 2023 9:00 AM (15 minutes)

Presenter: TORASSA, Ezio (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 3

Type: **not specified**

Close out

Tuesday, May 9, 2023 4:00 PM (5 minutes)

Contribution ID: 4

Type: **not specified**

Computing Report

Tuesday, May 9, 2023 2:00 PM (20 minutes)

Presenter: PARDI, Silvio (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 5

Type: **not specified**

Welcome

Monday, May 8, 2023 9:00 AM (10 minutes)

Session Classification: Physics open session

Contribution ID: 6

Type: **not specified**

Physics Opportunities at Belle II

Monday, May 8, 2023 9:10 AM (40 minutes)

Presenter: PARADISI, Paride (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics open session

Contribution ID: 7

Type: **not specified**

Recent Belle II results and perspectives

Monday, May 8, 2023 9:50 AM (40 minutes)

Presenter: TONELLI, Diego (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics open session

Contribution ID: 8

Type: **not specified**

Tracking report

Monday, May 8, 2023 11:00 AM (25 minutes)

Presenter: CASAROSA, Giulia (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tools

Contribution ID: 9

Type: **not specified**

Charged PID report

Monday, May 8, 2023 11:25 AM (25 minutes)

Presenter: GAZ, Alessandro (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tools

Contribution ID: **10**

Type: **not specified**

Photons and pi zero reconstruction report

Monday, May 8, 2023 11:50 AM (25 minutes)

Presenter: Mr GHOSH, Debjit (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tools

Contribution ID: 11

Type: **not specified**

K-long reconstruction report

Monday, May 8, 2023 12:15 PM (25 minutes)

Presenter: MARTELLINI, Cristina (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tools

Contribution ID: 12

Type: **not specified**

Full Event Interpretation status

Monday, May 8, 2023 12:40 PM (25 minutes)

Presenter: ROUT, Niharika (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tools

Contribution ID: 13

Type: **not specified**

EB and CSN1 updates

Monday, May 8, 2023 2:05 PM (15 minutes)

Presenters: GAZ, Alessandro (Istituto Nazionale di Fisica Nucleare); PASSERI, Antonio (Istituto Nazionale di Fisica Nucleare)

Session Classification: Detectors and Upgrade

Contribution ID: 14

Type: **not specified**

SVD status and plans

Monday, May 8, 2023 2:20 PM (20 minutes)

Presenter: BETTARINI, Stefano (Istituto Nazionale di Fisica Nucleare)

Session Classification: Detectors and Upgrade

Contribution ID: 15

Type: **not specified**

Radiation monitor

Monday, May 8, 2023 2:40 PM (20 minutes)

Presenter: VITALE, Lorenzo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Detectors and Upgrade

Contribution ID: 16

Type: **not specified**

TOP status and plan

Monday, May 8, 2023 3:00 PM (20 minutes)

Presenter: MUSSA, Roberto (Istituto Nazionale di Fisica Nucleare)

Session Classification: Detectors and Upgrade

Contribution ID: 17

Type: **not specified**

ECL status and plans

Monday, May 8, 2023 3:20 PM (20 minutes)

Presenter: CECCHI, Claudia (Istituto Nazionale di Fisica Nucleare)

Session Classification: Detectors and Upgrade

Contribution ID: **18**

Type: **not specified**

KLM status and plans

Monday, May 8, 2023 3:40 PM (20 minutes)

Presenter: PASSERI, Antonio (Istituto Nazionale di Fisica Nucleare)

Session Classification: Detectors and Upgrade

Contribution ID: 19

Type: **not specified**

Upgrade physics motivations

Monday, May 8, 2023 4:30 PM (20 minutes)

Presenter: GAZ, Alessandro (Istituto Nazionale di Fisica Nucleare)

Session Classification: Detectors and Upgrade

Contribution ID: **20**

Type: **not specified**

Upgrade wrap-up and CSN1 talk

Monday, May 8, 2023 4:50 PM (30 minutes)

Presenter: FORTI, Francesco (Istituto Nazionale di Fisica Nucleare)

Session Classification: Detectors and Upgrade

Contribution ID: 21

Type: **not specified**

Measurement of BF and A_CP in $B^+ \rightarrow \rho^+ \rho^0$

Tuesday, May 9, 2023 9:15 AM (25 minutes)

Presenter: MANFREDI, Riccardo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Milestone Physics Analyses

Contribution ID: 22

Type: **not specified**

BF measurement of $B \rightarrow D\rho$

Tuesday, May 9, 2023 9:40 AM (25 minutes)

Presenter: DORIGO, Mirco (INFN Trieste)

Session Classification: Milestone Physics Analyses

Contribution ID: 23

Type: **not specified**

Measurement of BF and A_CP in $B^0 \rightarrow \mu^+ \mu^-$

Tuesday, May 9, 2023 10:05 AM (25 minutes)

Presenter: RAIZ, Sebastiano (INFN)

Session Classification: Milestone Physics Analyses

Contribution ID: 24

Type: **not specified**

Search for $B \rightarrow \mu\mu$

Tuesday, May 9, 2023 11:00 AM (25 minutes)

Presenter: GAUDINO, Giovanni (Istituto Nazionale di Fisica Nucleare)

Session Classification: Milestone Physics Analyses

Contribution ID: 25

Type: **not specified**

Search for $e^+e^- \rightarrow \chi_h(1P)$ in the data sample above the $Y(4s)$ peak

Tuesday, May 9, 2023 11:25 AM (25 minutes)

Presenter: TAMPONI, Umberto (INFN - Torino)

Session Classification: Milestone Physics Analyses

Contribution ID: 26

Type: **not specified**

Search for $B \rightarrow K^* \mu \mu$

Tuesday, May 9, 2023 11:50 AM (25 minutes)

Presenter: MONETA, Stefano (Istituto Nazionale di Fisica Nucleare)

Session Classification: Milestone Physics Analyses

Contribution ID: 27

Type: **not specified**

Data production report

Tuesday, May 9, 2023 2:20 PM (20 minutes)

Presenter: TAMPONI, Umberto (INFN - Torino)

Session Classification: Other physics analyses

Contribution ID: 28

Type: **not specified**

Time dependent analysis of B-> J/Psi K_long

Tuesday, May 9, 2023 2:40 PM (20 minutes)

Presenter: FINOCCHIARO, Giuseppe (INFN - Laboratori Nazionali di Frascati)

Session Classification: Other physics analyses

Contribution ID: 29

Type: **not specified**

Time dependent analysis of B-> eta' K_S

Tuesday, May 9, 2023 3:00 PM (20 minutes)

Presenter: KANDRA, Jakub (INFN Padova)

Session Classification: Other physics analyses

Contribution ID: **30**

Type: **not specified**

Dark sector searches

Tuesday, May 9, 2023 3:20 PM (20 minutes)

Presenter: CORONA, Luigi (Istituto Nazionale di Fisica Nucleare)

Session Classification: Other physics analyses

Contribution ID: 31

Type: **not specified**

A simultaneous analysis of $D \ell \nu$ and $D^* \ell \nu$ decays

Tuesday, May 9, 2023 12:15 PM (20 minutes)

Presenter: MANTOVANO, Michele (University and INFN Trieste)

Session Classification: Other physics analyses

Contribution ID: 32

Type: **not specified**

Open discussion time

Tuesday, May 9, 2023 12:35 PM (25 minutes)

Session Classification: Other physics analyses