

ATHENA PID weekly regular meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

DIRC

Monday, 31 January 2022 12:10 (3 minutes)

Advice on design, simulation, performance issues

Presenters: KALICY, Grzegorz (CUA); SCHWIENING, Joe (GSI)

Session Classification: Roundtable updates

Contribution ID: 2

Type: **not specified**

mRICH

Monday, 31 January 2022 12:13 (3 minutes)

Simulation & performance studies

Presenter: SARSOUR, Murad (Georgia State University)

Session Classification: Roundtable updates

Contribution ID: 3

Type: **not specified**

dRICH

Monday, 31 January 2022 12:16 (3 minutes)

Presenters: DILKS, Christopher (Duke University); CISBANI, Evaristo (Italian National Institute of Health and Italian Institute of Nuclear Physics)

Session Classification: Roundtable updates

Contribution ID: 7

Type: **not specified**

Weekly news

Monday, 31 January 2022 12:00 (5 minutes)

Conveners briefly update with news, comments and new directions from the Steering Committee (if any).

- restart of activities
- frequency of our meetings
- DIS abstracts

Contribution ID: 8

Type: **not specified**

AoB

Monday, 31 January 2022 12:55 (5 minutes)

In case there is any other business to discuss, we can take it here. If discussion takes longer than 5 minutes, it means that it needs a proper space and will be point for next week.

Contribution ID: 9

Type: **not specified**

Low momentum PID with TOF

Monday, 31 January 2022 12:22 (3 minutes)

Presenters: LI, Wei (Rice University); Prof. YE, Zhenyu (University of Illinois at Chicago); XU, Zhangbu (BNL); FAN, Wenqing; GEURTS, Frank (Rice University)

Session Classification: Roundtable updates

Contribution ID: **10**

Type: **not specified**

Low momentum PID with GridPix

Monday, 31 January 2022 12:19 (3 minutes)

Presenter: GARG, Prakhar (Stony Brook University)

Session Classification: Roundtable updates

Contribution ID: 11

Type: **not specified**

B field impact on forward RICH

Monday, 31 January 2022 12:25 (3 minutes)

Presenters: CHATTERJEE, Chandradoy (INFN Trieste (IT)); PREGHENELLA, Roberto (INFN Bologna)

Session Classification: Roundtable updates

Contribution ID: 12

Type: **not specified**

DAQ

Monday, 31 January 2022 12:28 (3 minutes)

Gathering DAQ requirements from PID WG

Presenters: CAMSONNE, Alexandre (JLAB); LANDGRAF, Jeff (Brookhaven National Laboratory)

Session Classification: Roundtable updates

Contribution ID: 13

Type: **not specified**

LGADs for TOF-PID

Monday, 31 January 2022 12:31 (3 minutes)

simulation & performance studies, design, cost estimate etc.

Presenters: YANG, Shuai (Rice University); Prof. LI, Wei (Rice University)

Session Classification: Roundtable updates

Contribution ID: 14

Type: **not specified**

SiPM for RICH optical readout

Monday, 31 January 2022 12:34 (3 minutes)

R&D on SiPM as an option for the readout of the forward RICH

Presenter: PREGHENELLA, Roberto (INFN Bologna)

Session Classification: Roundtable updates

Contribution ID: 15

Type: **not specified**

Pressurised argon for the gaseous RICH

Monday, 31 January 2022 12:37 (3 minutes)

mechanical studies and simulations for a pressurised argon vessel for the forward gas RICH

Session Classification: Roundtable updates

Contribution ID: **16**

Type: **not specified**

LAPPD option for photon readout

Monday, 31 January 2022 12:40 (3 minutes)

R&D on LAPPD detectors must not be forgotten

Presenter: DALLA TORRE, Silvia (INFN, Trieste)

Session Classification: Roundtable updates

Contribution ID: **18**

Type: **not specified**

Barrel eCal with tracking and timing capability

Monday, 31 January 2022 12:43 (3 minutes)

Presenters: ZUREK, Maria (Argonne National Laboratory); REIMER, Paul E (Argonne National Laboratory)

Session Classification: Roundtable updates

Contribution ID: 20

Type: **not specified**

dRICH and pfRICH synergies

Monday, 31 January 2022 12:10 (5 minutes)

Presenter: ANTONIOLI, Pietro (INFN - sezione di Bologna)

Session Classification: Presentations

Contribution ID: 21

Type: **not specified**

Optical photons for RICH simulations in Geant4

Monday, 31 January 2022 12:05 (5 minutes)

Presenter: KISELEV, Alexander (BNL)

Session Classification: Presentations