

# **ATHENA PID weekly regular meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## DIRC

*Monday, 20 December 2021 12:05 (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, 20 December 2021 12:08 (3 minutes)*

Simulation & performance studies

**Presenter:** SARSOUR, Murad (Georgia State University)

**Session Classification:** Roundtable updates

Contribution ID: 3

Type: **not specified**

## **dRICH**

*Monday, 20 December 2021 12:11 (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, 20 December 2021 12:00 (5 minutes)*

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

Contribution ID: 8

Type: **not specified**

## **AoB**

*Monday, 20 December 2021 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, 20 December 2021 12:17 (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, 20 December 2021 12:14 (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, 20 December 2021 12:20 (3 minutes)*

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

**Session Classification:** Roundtable updates

Contribution ID: 12

Type: **not specified**

## DAQ

*Monday, 20 December 2021 12:23 (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, 20 December 2021 12:26 (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, 20 December 2021 12:29 (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, 20 December 2021 12:32 (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, 20 December 2021 12:35 (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, 20 December 2021 12:38 (3 minutes)*

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

**Session Classification:** Roundtable updates

Contribution ID: 19

Type: **not specified**

## DAQ Considerations

*Monday, 20 December 2021 12:40 (20 minutes)*

**Presenter:** LANDGRAF, Jeff (Brookhaven National Laboratory)