

Session Program

12-16 Sept 2022



11th International Workshop on Ring Imaging Cherenkov Detectors (RICH2022)

Technological aspects and applications of Cherenkov detectors

University of Edinburgh

Wednesday 14 September

12:00

Technological aspects and applications of Cherenkov detectors

Session | **Location:** University of Edinburgh | **Convener:** E. Nappi

12:00–12:40

The control of refractive index and chromaticity in gas radiators of large Cherenkov detectors: a challenge in the era of diminishing fluorocarbon gas availability.

Speaker

G. Hallewell

12:40

Thursday 15 September

08:55

Technological aspects and applications of Cherenkov detectors

Session | **Location:** University of Edinburgh | **Convener:** J. Schwiening

09:00–09:25 **C4F10 in COMPASS RICH-1**

Speaker

S. Dalla Torre

09:25–09:50

Technological and physical aspects of the production of aerogel radiators for Cherenkov detectors of various types.

Speaker

E. Kravchenko

09:50–10:15

Modular RICH Detector Development for the Future Electron Ion Collider Experiment

Speaker

X. He

10:15–10:40

Development of an integrated housing for SIPM for future RICH photon-detectors

Speaker

R. Cardinale

10:40

11:00

Technological aspects and applications of Cherenkov detectors

Session | **Location:** University of Edinburgh | **Convener:** J. Schwiening

11:00–11:25

A novel fast-timing readout chain for LHCb RICH LS3 enhancements and prototype beam tests

Speaker

F. Keizer

11:25–11:50

The high voltage system the novel MPGD-based photon detectors of COMPASS RICH-1 and its developement towards a scalable High Voltage Power Supply System with system on chip control for Micro Pattern Gaseous Detectors.

Speaker

S. Levorato

11:50