

Session Program

5-11 Jun 2022



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2022 CAP Congress / Congrès de l'ACP 2022

***4D detector workshop | Atelier sur les
détecteurs 4D***

McMaster University

Thursday 9 June

17:30

4D detector workshop | Atelier sur les détecteurs 4D

Session | **Location:** McMaster University , MDCL 2230 | **Conveners:** Luise Poley, Fabrice Retiere

17:30–17:40

Introduction + 4D Digital Detector concept

Speaker

Fabrice Retiere

17:40–17:50

Photon to digital converter

Speaker

Jean-Francois Pratte

17:50–18:00

The tracking detector side

Speaker

Luise Poley

18:00–18:10

NA62 silicon pixel testing

Speakers

Bob Velghe, Douglas Andrew Bryman, Nigel Hessey, Thomas Koffas

18:10–18:20

Development of radiation-hard semi-conductor devices for future collider experiments

Speaker

Thomas Koffas

18:20–18:30

EIC needs and monolithic active pixel sensor solution

Speaker

Michael Gericke

18:30–18:40

GridPix: timepix for 4D gas detectors

Speaker

Alain Bellerive

18:40–19:00

Discussion

19:00