

Session Program

10-16 Jun 2018



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2018 CAP Congress / Congrès de l'ACP 2018

***M3-4 Cold and Trapped Atoms, and Tests of
Fundamental Symmetries I (DNP/DTP/PPD/
DAMOPC) | | Atomes froids et piégés, et tests
de symétries fondamentales I (DPN/DPT/PPD/
DPAMPC)***

Dalhousie University

Monday 11 June

16:15

M3-4 Cold and Trapped Atoms, and Tests of Fundamental Symmetries I (DNP/DTP/PPD/DAMOPC) | | Atomes froids et piégés, et tests de symétries fondamentales I (DPN/DPT/PPD/DPAMPC)

Session | **Location:** Dalhousie University, McCain Scotiabank Auditorium (cap.250) | **Convener:** Tim Friesen

16:15-16:45

Final results from the QWeak experiment: The Weak charge of the proton and new mass scale limits on possible physics beyond the Standard Model. (I)

Speaker

Prof. Michael Gericke

16:45-17:15

MUSE-ing about the proton radius puzzle (I)

Speaker

Evangeline J. Downie

17:15-17:30

Measurement of the 1S-2S Transition in Antihydrogen

Speaker

Art Olin

17:30-17:45

Precision antihydrogen gravitational mass measurement in ALPHA-g

Speaker

Dr Chukman So

18:00