

Session Program

Jun 5 - 11, 2022



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2022 CAP Congress / Congrès de l'ACP 2022

***W1-3 Optical Tools (DAMOPC/DPMB) | Outils
optiques (DAMOPC/DPMB)***

McMaster University

Wed, June 8

10:45 AM

W1-3 Optical Tools (DAMOPC/DPMB) | Outils optiques (DAMOPC/DPMB)

Session | Location: McMaster University, MDCL 1102 | Conveners: Jens Lassen, Ozzy Mermut

10:45 - 11:15 AM

(I) Monitoring Humulone Isomerization Using Raman Spectroscopy: A Bitter Problem in the Microbrewing Industry

Speaker

William M. Whelan

11:15 - 11:30 AM

(G*) Rapid Detection of Bacterial Pathogens in Water and Clinical Specimens Using Laser-Induced Breakdown Spectroscopy

Speaker

Emma Blanchette

11:30 - 11:45 AM

(G*) A novel optical filter-based Raman system operating in strong ambient light for in vivo clinical applications

Speaker

Mr Hao Guo

11:45 AM - 12:00 PM

(G*) Using synchrotron radiation techniques as a tool in invertebrate paleontology

Speaker

Mr Jerit Mitchell

12:00 - 12:15 PM

discussion & speaker Q&A

12:15 PM