

Session Program

26-31 May 2024



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2024 CAP Congress / Congrès de l'ACP 2024 (DPMB) F1-2 Sensors | Détecteurs (DPMB)

Western University

Friday 31 May

09:00

(DPMB) F1-2 Sensors | Détecteurs (DPMB)

Session | **Location:** Social Science Centre, Western U., SSC Rm 2032 (cap. 135)

09:00–09:15

Wearable light-based hemodynamic monitoring device for low resource settings

Speaker

Dr Saeed Samaei

09:15–09:30

A Novel Point-of-Care Pathogen Testing Technology for the Agricultural Sector

Speaker

William Whelan

09:30–09:45

Building biological sensors: detection and quantification of trace quantities of biomolecules

Speaker

Nisha Agarwal

09:45–10:00

Resolution and MTF Improvement in a Fourier Ptychography Microscope using Low-Cost Optics

Speaker

Dr Ian Cunningham

10:15