

Session Program

6-11 Jun 2021



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

M3-3 MR and PET Imaging - Part 1 (DPMB) / Imagerie RM et TEP - Partie 1 (DPMB)

Underline Conference System

Monday 7 June

15:45

M3-3 MR and PET Imaging - Part 1 (DPMB) / Imagerie RM et TEP - Partie 1 (DPMB)

Session | **Location:** Underline Conference System | **Convener:** Emily Heath

15:45–15:50

Comparison of Cylindrical and Spherical Geometric Models to Infer Cell Sizes in a Celery Sample

Speaker

Sheryl Herrera

15:50–15:55

Medical Image Fusion Based on Modified Parameter- Adaptive Simplified Pulse-Coupled Neural Network

Speaker

Xiumei Yin

15:55–16:00

Inferring axon diameters in white matter tracts of the live mouse brain

Speaker

Melissa Anderson

16:00–16:05

(G*) Mapping Magnetic Field Around Metal with Pure Phase Encoding Magnetic Resonance Imaging

Speaker

Ms Layale Bazzi

16:05–16:10

(G*) Cariporide Effects on Intracellular pH (pHi) Using CEST-MRI in Rat Model of Glioblastoma

Speaker

Maryam Mozaffari

16:10–16:15

(G*) The Use of a Novel Sampling/Reconstruction Method for Non-Proton and Low Field MRI

Speaker

Samuel Perron

16:15–16:20

Monte Carlo Simulation for Magnetic Resonance Diffusion Measurements

Speaker

Mr Tristhal Parasram

16:30