

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

M4-4 Cosmology (DTP) / Cosmologie (DPT)

Underline Conference System

Sunday 6 June

16:45

M4-4 Cosmology (DTP) / Cosmologie (DPT)

Session | **Location:** Underline Conference System | **Convener:** Levon Pogosian

16:45–16:48 **Gravitational Waves interacting with matter in cosmology**

Speaker

Arundhati Dasgupta

16:48–16:51 **Matter-Geometry Entanglement in Quantum Cosmology**

Speaker

Viqar Husain

16:51–16:54 **Cosmology on the Beach: a formal analogy**

Speaker

Valerio Faraoni

16:54–16:57 **On the quantum origin of a dark universe**

Speaker

Saurya Das

16:57–17:00 **(G*) Bubble Nucleation Events are Correlated**

Speaker

Dalila Pirvu

17:00–17:03 **(G*) Cosmological perturbation theory with matter time.**

Speaker

Mr Mustafa Saeed

17:03–17:06 **(G*) Gravitational Wave Backgrounds from Low Scale Inflation**

Speaker

Simran Nerval

17:06–17:09 **(G*) Sub-GeV Dark Vector Bosons and their Impacts on Cosmology**

Speaker

John Coffey

17:09–17:12 **kSZ Tomography with Foregrounds and Systematics**

Speaker

Richard Bloch

17:12–17:30 **Questions/Answers and Discussion Period**

17:30