

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

W3-2 Mathematical and Theoretical Physics (DTP) / Physique mathématique et physique théorique (DPT)

Underline Conference System

Wednesday 9 June

15:45

W3-2 Mathematical and Theoretical Physics (DTP) / Physique mathématique et physique théorique (DPT)

Session | **Location:** Underline Conference System | **Convener:** Thomas Creutzig

15:45–15:50 **(I) Chaos and the spectrum on Moduli space**

Speaker

Prof. Sarah Harrison

15:50–15:53

(G*) Generalized Unitarity and the Poincaré Duals of Feynman Integrals

Speaker

Andrzej Pokraka

15:53–15:56

The offset logarithm function and some applications in physics: A generalization of the Lambert W function

Speaker

Aude Maignan

15:56–15:59

Implementing the Gradient Descent Method in an Infinite Dimensional Hilbert Space

Speaker

Robert Petry

15:59–16:02

A Quantum-Classical Isomorphic Interpretation of Quantum Foundations Based on Density Functional Theory and Polymer Self-Consistent Field Theory

Speaker

Russell Thompson

16:02–16:05

The Collapse of the Manifold

Speaker

Jonathan Sharp

16:05–16:30

Questions/Answers and Discussion Period

16:30