

Session Program

May 25 - 29, 2020

Spring workshop on gravity and cosmology

session II

Jagiellonian University

Tue, May 26

10:00 AM

session II

Session | **Location:** Jagiellonian University

10:00 - 10:50 AM **A consistent theory of D -> 4 Einstein-Gauss-Bonnet gravity**

Speaker

Prof. Shinji Mukohyama

10:50 - 11:15 AM **Quantum Ostrogradsky theorem**

Speaker

Hayato Motohashi

11:15 - 11:45 AM **coffee break**

11:45 AM - 12:35 PM **Gravitational Waves from Cosmological B-L Breaking**

Speaker

Kai Schmitz

12:35 - 1:00 PM **Ongoing Efforts to Constrain Lorentz Symmetry Violation in Gravity**

Speaker

Nils A. Nilsson

1:00 - 2:00 PM **lunch break**

2:00 - 2:50 PM **CDT, a theory of quantum geometry.**

Speaker

Prof. Jan Ambjørn

2:50 - 3:15 PM **Loop-based observables in 4D CDT**

Speaker

Zbigniew Drogosz

3:15 - 3:45 PM **coffee break**

3:45 - 4:10 PM

Cosmic Fibers and the parametrization of time in CDT quantum gravity

Speaker

Daniel Németh

4:10 - 4:35 PM

Spectral Analysis of Causal Dynamical Triangulations via Finite Element Methods

Speaker

Giuseppe Clemente

4:35 - 5:00 PM **4-D Gauss Bonnet from an Amplitudes Perspective**

Speaker

Laura Johnson

7:05 PM