

Session Program

25-29 May 2020

Spring workshop on gravity and cosmology

session I

Jagiellonian University

Monday 25 May

09:55

session I

Session | **Location:** Jagiellonian University

10:00–10:25 **reception**

10:25–11:15

The (glorious) past, (exciting) present and (foreseeable) future of gravitational wave detectors.

Speaker

Giacomo Ciani

11:15–11:45 **coffee break**

11:45–12:35

Probing the Physics of the Early Universe with Gravitational Wave Experiments

Speaker

Gianmassimo Tasinato

12:35–13:00

Gravitational-Wave Implications for the Parity Symmetry of Gravity at GeV Scale

Speaker

Yifan Wang

13:00–14:00 **lunch break**

14:00–14:50

some new results on quasinormal modes of black holes

Speaker

Aurélien Barrau

14:50–15:15

Theory confronts Observations: Cosmology in the era of the Swampland

Speaker

Suddhasattwa Brahma

15:15–15:45 **coffee break**

15:45–16:35

Physical implications of a fundamental period of time

Speaker

Martin Bojowald

16:35–17:00

Quantum fluctuations of the compact phase space cosmology

Speaker

Sean Crowe

17:50