

Solvay Workshop on "Selected topics in quantum gravity"

Brussels, February 21 - 22, 2022

MONDAY 21 FEBRUARY

08:30 - 09:00	Registration
09:00 - 09:10	Welcome speech
09:10 - 10:00	Elias Kiritsis (ONLINE) - <i>Wormholes and holography</i>
10:00 - 10:50	Shira Chapman - <i>On holographic flow geometries</i>
10:50 - 11:20	COFFEE BREAK
11:20 - 12:10	Suvrat Raju (ONLINE) - <i>Failure of the split property in gravity and the information paradox</i>
12:10 - 14:00	LUNCH BREAK
14:00 - 14:50	Alexander Zhiboedov - <i>Gravitational Regge bounds</i>
14:50 - 15:40	Leonardo Rastelli (ONLINE) - <i>Carving out the space of gravitational effective field theories</i>
15:40 - 16:10	COFFEE BREAK
16:10 - 17:00	Herman Verlinde - TBA
17:00 - 17:50	Netta Engelhardt (ONLINE) - <i>Canonical purification of evaporating black holes</i>
19 :00	BANQUET (Les Petits Oignons, 25 rue de la Régence, 1000 Bruxelles)

TUESDAY 22 FEBRUARY

10:00 - 10:50	Adam Nahum - <i>Quantum dynamics with an observer: the measurement phase transition</i>
10:50 - 11:40	Julian Sonner - <i>Quantum ergodicity and quantum gravity</i>
11:40 - 12:10	COFFEE BREAK
12:10 - 13:00	Malcolm Perry (ONLINE) - <i>Is there is future in black holes?</i>
13:00 - 13:10	Group Photo
13:10 - 14:20	LUNCH BREAK
14:20 - 15:10	Andrea Puhm - <i>Goldilocks modes in celestial CFT</i>
15:10 - 16:00	Frederik Denef - <i>Quantum de Sitter Entropy and the QGT Loopstrap</i>
16:00 - 16:50	Erik Verlinde - <i>A Universal String Field Theory for Quantum Chaos</i>
16:50 - 17:30	FAREWELL COFFEE