

Solvay Workshop on "Near-Extremal Black Holes"

Brussels, September 2-4 September 2024, ULB - Campus Plaine - Forum E & G

MONDAY 2 SEPTEMBER - (Forum E)

- 08:30 - 08:45 Registration
- 08:45 - 09:00 Opening and welcome speech by Marc Henneaux
- 09:00 - 10:30 Luca Iliesiu - Review: *Title TBA*
- 10:30 - 11:00 COFFEE BREAK**
- 11:00 - 12:00 Grant Remmen: *Effective Field Theory Breakdown Near Cool Black Holes*
- 12:00 - 13:00 Swapnamay Mondal: *An extremal black hole with a unique ground state*
- 13:00 - 14:30 LUNCH BREAK**
- 14:30 - 15:30 Mukund Rangamani: *Looking at extremal black holes from very far away*
- 15:30 - 16:00 Francesca Mariani - Contributed talk: *Near-extremal charged and rotating black holes in de Sitter space*

TUESDAY 3 SEPTEMBER - (Forum G)

- 09:30 - 11:00 Geoffrey Compère - Review: *Features of near-extremal black holes*
- 11:00 - 11:30 COFFEE BREAK**
- 11:30 - 12:30 Finn Larsen: *Instability of extremal black holes in AdS-supergravity*
- 12:30 - 13:30 Chiara Toldo: *Title TBA*
- 13:30 - 15:00 LUNCH BREAK**
- 15:00 - 16:00 Monica Guica: *Kerr/"CFT": a case study in non-AdS holography*
- 16:00 - 17:00 Ankit Aggarwal: *Near-extremal quantum field theories*
- 18:40 Banquet - Bus pick at 18:40 (access 2 - parking fraiteur)**

WEDNESDAY 4 SEPTEMBER - (Forum G)

- 09:30 - 10:30 Roberto Emparan: *Lifting the index*
- 10:30 - 11:00 COFFEE BREAK**
- 11:00 - 12:00 Achilleas Porfyriadis: *Anabasis and Accidental Symmetry*
- 12:00 - 13:00 Joan Simon: *Aspects of near-extremal BHs*
- 13:00 - 14:30 LUNCH BREAK**
- 14:30 - 15:30 Dionysios Anninos: *Title TBA*
- 15:30 - 16:00 Jacopo Papalini - Contributed talk: *Gravity hologram of double-scaled SYK*

Spaces available all day for working or discussions:

02/09/2024 - Forum.I.2068-2070 & Forum.I.2072-2074

03/09/2024 - 2NO 506 & 2NO 607 (Building NO)

04/09/2024 - Forum.I.2068-2070 & Forum.I.2072-2074