

# Gravity - New perspectives from strings and higher dimensions

## Schedule of Talks

---

	Jul 10	Jul 11	Jul 12	Jul 13	Jul 14
<b>10:30 – 11:30</b>	Emil Martinec	Matthew Headrick	Henry Maxfield	Andrea Puhm	Sergio Hernandez-Cuenca
<b>11:45 – 12:45</b>	Per Kraus	Maria Tomasevic	Jonathan Sorce	Christian Ferko	Martin Sasieta

---

	Jul 17	Jul 18	Jul 19	Jul 20	Jul 21
<b>10:30 – 11:30</b>	Pau Figueras	Joan Simon	Aasmund Folkestad	Jerome Gauntlett	Harvey Reall
<b>11:45 – 12:45</b>	David Vegh	Felix Haehl	Arvin Shahbazi-Moghaddam	Finn Larsen	

- NB: Talks are 45 min long with 15 min for discussion.
- Registration for the workshop will take place from 09:00 onwards on July 10.

---

## Speakers and Titles

### July 10

- Emil Martinec: The Holar Wind
- Per Kraus: Actions, Edge Modes, and S-matrices

### July 11

- Matt Headrick: New formulas for holographic entanglement entropies, and some applications
- Maria Tomasevic: Correspondence between rotating black holes and fundamental strings

### July 12

- Henry Maxfield: Wormholes and the non-perturbative Hilbert space of quantum gravity

- Jonathan Sorce: Generalized entropy for general regions

## July 13

- Andrea Puhm: Symmetries in Celestial CFT
- Christian Ferko: Deformations and Asymptotics of Strings on AdS<sub>3</sub>

## July 14

- Sergio Hernandez-Cuenca: Near-extremal black hole entropies from replica matrices
- Martin Sasieta: Microstates of black hole interiors and closed cosmologies in AdS/CFT

## July 17

- Pau Figueras: TBA
- David Vegh: TBA

## July 18

- Joan Simon: From JT to 3d quantum gravity and its factorization
- Felix Haehl: Symmetries and spectral statistics in chaotic CFTs

## July 19

- Aasmund Folkestad: Far-from-equilibrium CFT Bounds from Holography
- Arvin Shahbazi-Moghaddam: TBA

## July 20

- Jerome Gauntlett: TBA
- Finn Larsen: Supersymmetric Black holes in AdS(5)

## July 21

- Harvey Reall: Creases, corners and caustics: properties of non-smooth structures on black hole horizons