

Black Holes and Quantum Information

	Mon 8.	Tue 9.	Wed 10.	Thu 11.	Fri 12.
9.00-10.30	Thorlacius	Thorlacius	Papadodimas	Dvali	Dvali
10.30-11.00	Coffee				
11.00-12.30	Papadodimas	Papadodimas	Mathur	Mathur	Mathur
12.30-14.30	Lunch				
14.30-16.00	Bousso	Bousso	14.00-15.00: Colloquium by Steve Giddings	Bousso	free
16.00-16.30	Coffee		free	Coffee	
16.30-18.00	Thorlacius	Dvali		Hofmann	
19.00-...		Dinner			

Raphael Bousso (UC Berkeley):

1. *Holography in General Spacetimes, Quantum Focussing, Quantum Null Energy Condition*
2. *Perspectives on Firewalls*
3. *Cosmological Constant Problem, Landscape, Swampland*

Gia Dvali (LMU Munich): *Geometry under microscope (black holes, de Sitter and inflation)*

Stefan Hofmann (LMU Munich): *Quantum Completeness versus Classical Incompleteness of Black-Holes*

Samir Mathur (Ohio State University): *The fuzzball paradigm:*

1. *The small corrections theorem*
2. *The fuzzball construction*
3. *The causality constraint*

Kyriakos Papadodimas (CERN/ICTP): *Black hole information and spacetime behind the horizon*

Larus Thorlacius (University of Iceland): *Introduction to black hole informatics*