

# Quantum Gravity Swampland and its consequences for the observable world

	Mon 9.	Tue 10.	Wed 11.	Thu 12.	Fri 13.
9.00-10.30	Palti	Weller	Vafa	Grimm	Weigand
10.30-11.00	Coffee				
11.00-12.30	Valenzuela	Graña	Valenzuela	Weigand	Grimm
12.30-14.30	Lunch				
14.30-16.00	Palti	free	Vafa	Dvali	free
16.00-16.30			Coffee		
16.30-18.00	Graña		Dierigl	Cribiori	
19.00-...		Dinner			

"Atzinger"  
Schellingstr. 9

**Niccolo Cribiori** (MPP Munich):

*An introduction to the species scale in quantum gravity and string theory*

**Markus Dierigl** (LMU Munich):

*Cobordism Defects in String Theory*

**Gia Dvali** (LMU Munich):

*S-matrix implications for fundamental physics and cosmology*

**Mariana Graña** (IPhT, Saclay):

*The string theory landscape*

**Thomas Grimm** (Utrecht University):

*Finiteness, Complexity, and the Swampland*

**Eran Palti** (Ben Gurion University):

*An introduction to the Swampland (and its interplay with holography)*

**Cumrun Vafa** (Harvard University):

- 1) *Distance Conjecture and the Species Scale*
- 2) *Swamplandish predictions for Cosmology*

**Irene Valenzuela** (IFT Madrid & CERN):

*Swampland Implications for Particle Physics*

**Timo Weigand** (Hamburg University):

*Emergent Strings, the Weak Gravity Conjecture and their imprint in geometry*

**Jochen Weller** (LMU Munich):

*Swampland and Cosmological Observations*