“Gravity in the Early Universe”

January 8-10, 2018
Jadwin Hall, Room 407

Workshop Organizers:
Anna Ijjas (Columbia) Frans Pretorius (Princeton)
Paul Steinhardt (Princeton-PCTS)

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Monday, January 8, 2018
8:30 Breakfast

8:55-9:00am Welcome/Introduction
Paul Steinhardt, Princeton University

9:00-10:30 Quantum Universe I
Neil Turok, Perimeter

10:30-11:00 Coffee break

11:00-12:30 The Schwarzschild and Kerr family of black holes and the problem of stability
Mihalis Dafermos, Princeton University

12:30-2:00 Lunch at PCTS, Jadwin Hall, Fourth Floor

2:00-3:30 Resolving singularities in General Relativity I
Slava Mukhanov, LMU Munich

3:30-4:00 Coffee break

4:00-5:30 Galileons: theory and applications I
Greg Gabadadze, NYU

5:30-6:00 Questions for Tuesday’s talks
Frans Pretorius, Princeton Universit