

2017 Summer workshop Week 2

Events for:
Monday, July 24th - Friday, July 28th

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Tuesday, July 25th

5:30pm **Summer Concert Series - Reception and Performance by Andrew York - SCGP 103**

Wednesday, July 26th

Thursday, July 27th

5:00pm **Screening of "Whispers of String Theory" with talk by filmmaker Ekaterina Eremenko - Della Pietra Family Auditorium, 103**

6:30pm **Summer Workshop Banquet Hosted by Jim Simons - Avalon Park, Shep Jones Lane, Stony Brook, NY, United States**

Friday, July 28th

2:30pm **Greg Gabadadze - SCGP 102**

Title: Warped massive gravity

Abstract: Pure massive gravity is strongly coupled at a certain low scale. I show that the theory can be embedded into another one, with new light degrees of freedom, to increase the strong scale to a significantly larger value. An example of the embedding theory that will be discussed is 5D AdS massive gravity, with a large cosmological constant. In this example the 4D strong scale can be increased by 19 orders of magnitude. The linear approximation of the obtained theory has no vDVZ discontinuity. Holographic duality suggests that the strong scale of the 4D massive gravity can be increased by coupling it to a 4D non-local CFT, endowed with a UV cutoff.