



## KITP Conference: Jim Hartle's Legacy

(Feb 12-13, 2024)

Coordinators: Gary Horowitz and Don Marolf

### Monday, Feb 12, 2024

- 8:50am Lars Bildsten (KITP) Welcome[Video][CC]  
Gary Horowitz (UCSB)  
Henry Yang (UCSB)
- 9:00am Kip Thorne (Caltech) Jim's Astrophysical Legacy[Slides][Video][CC]  
9:45am Todd Brun (USC) Time Before Time?[Slides][Video][CC]  
10:30am Morning Break
- 11:15am Bob Wald (U. Chicago) Black Holes and Decoherence[Video][CC]  
12:00pm Lunch Break
- 1:30pm Fay Dowker (Imperial College) The Hilbert space in Jim Hartles Generalized Quantum Mechanics: where does what happens, happen?[Slides][Video][CC]  
2:15pm Andy Strominger (Harvard) New Twists on Hartle-Hawking Wave Functions and Gell-Mann-Hartle Consistent Histories[Video]  
3:00pm Afternoon Break
- 3:30pm Veronika Hubeny (UC Davis) Time and Entanglement[Slides][Video][CC]  
4:15pm Sean Carroll (Johns Hopkins) Do Civilizations Rise and Fall in Empty Space?[Slides][Video][CC]  
5:00pm COCKTAIL RECEPTION
- 5:30pm DINNER
- 8:00pm SHUTTLE TO BWSCI

### Tuesday, Feb 13, 2024

- 9:00am Thomas Hertog (KU Leuven) Jim's Wave Function Upside Down[Video][CC]  
9:45am Juan Maldacena (IAS) Comments on the Hartle-Hawking wavefunction of the universe[Slides][Video][CC]  
10:30am Morning Break
- 11:15am Rob Myers (Perimeter Inst.) Complexity = Almost Anything[Slides][Video][CC]  
12:00pm Lunch Break
- 1:30pm Steven Giddings (UCSB) Quantum gravity and Jims legacy[Video]  
2:15pm Ted Jacobson (Maryland) A Lorentzian take on de Sitter entropy: contours, constraints, and simplicial complexes[Video]  
3:00pm Afternoon Break
- 3:30pm Netta Engelhardt (MIT) Cryptographic Censorship[Video][CC]  
4:15pm John Whelan (RIT) Some Things I Learned from Jim[Slides][Video][CC]  
5:00pm CONFERENCE END SHUTTLE TO BWSCI \*Also available to SB Airport and SB Airbus, Goleta location.(See Registration Desk BEFORE TUESDAY to sign up.)