

# Center for Quantum Mathematics And Physics

## QMAP Colloquium



**February 8, 2019**

4:10pm

Mathematical Science  
Building, room 1147



**UC DAVIS**  
UNIVERSITY OF CALIFORNIA

## Robert Wald

University of Chicago

### *Quantum Superposition of Massive Bodies*

Robert Wald is Distinguished Professor of Physics at the Enrico Fermi Institute of the University of Chicago. His research concerns classical general relativity, cosmology, quantum phenomena related to gravity. In particular, he focuses on the theory of black holes and the remarkable analogy between the laws of black holes and the ordinary laws of thermodynamics. In 2017 he was awarded Einstein Prize for the American Physical Society for the outstanding accomplishments in the field of gravitational physics, in particular for the discovery of the general formula for the black hole entropy. The talk starts at 4:10pm, refreshments will be served beforehand.



**The Center for Quantum Mathematics and Physics (QMAP) is a new initiative at UC Davis aimed at fostering a vibrant research environment for addressing foundational questions in modern theoretical and mathematical physics.**

For questions contact the organizers at [trnka@ucdavis.edu](mailto:trnka@ucdavis.edu) or [tudor@math.ucdavis.edu](mailto:tudor@math.ucdavis.edu).

Center for Quantum Mathematics and Physics (QMAP): <http://qmap.ucdavis.edu>  
Department of Physics: <http://physics.ucdavis.edu>  
Department of Mathematics: <http://math.ucdavis.edu>