

Combi Seminar

W UNIVERSITY of WASHINGTON



Hong Qian

Professor Qian's main research interest is the mathematical approach to and physical understanding of biological systems, especially in terms of stochastic mathematics and nonequilibrium statistical physics. In recent years, he has been particularly interested in a nonlinear, stochastic, open system approach to cellular dynamics. Similar population dynamic approach can be applied to other complex systems and processes, such as those in ecology, infection epidemics, and economics. He believes his recent work on the statistical thermodynamic laws of general Markov processes can have applications in economic dynamics and theory of values. In his research on cellular biology, his recent interest is in isogenetic variations and possible pre-genetic biochemical origins of oncogenesis.

Dr. Hong Qian

Professor, Department of Applied Math
Adjunct Professor, Department of Bioengineering
University of Washington



“The landscape of cellular biochemical dynamics - a mathematical theory”

Wednesday, October 5, 2016

1:30

Foege Auditorium, S-060

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Combi website at <http://www.gs.washington.edu/news/combi.htm>

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