

The Oliver Club

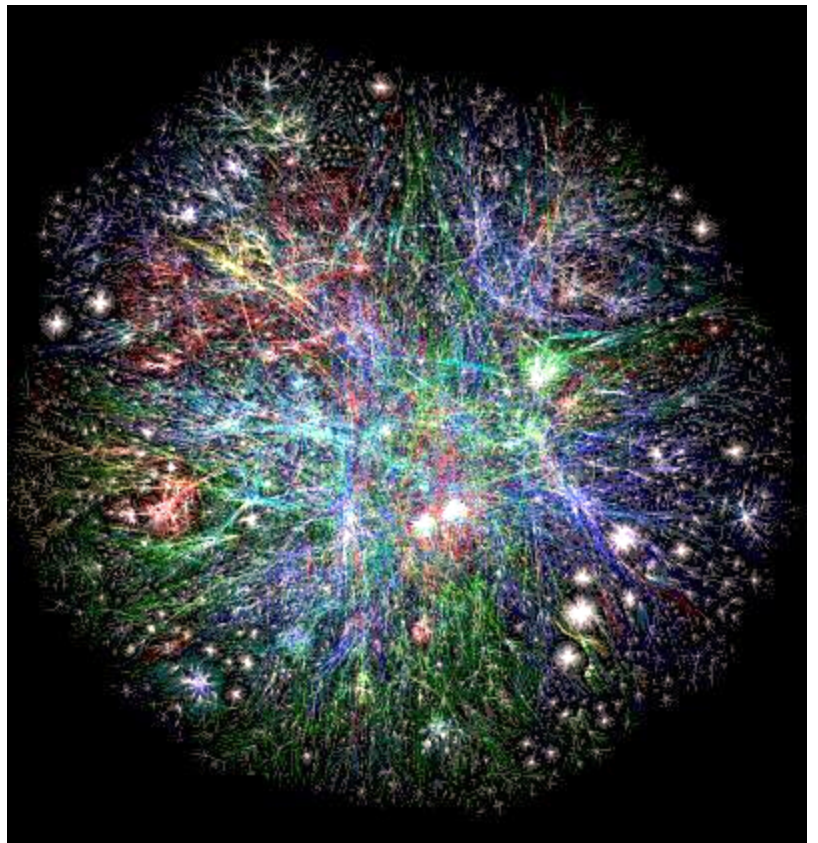
www.math.cornell.edu/~oliver/

Richard Durrett, Cornell University

Three Aspects of Life on a Random Graph

At the turn of this century it was realized that social and communication networks were best modeled by graphs that were "small worlds" and/or had power law degree distributions. I will discuss two examples of the implications of this for the spread of epidemics. I will also describe related work on random Boolean networks, an abstraction of gene networks due to Stuart Kauffman.

This talk will concentrate on what is true rather than why, so it should be accessible to a wide audience.



Thursday, September 3, 2009
at 4:25 PM in 406 Malott Hall

Refreshments will be served at 3:55 PM in the Mathematics Department lounge (532 Malott Hall).