**The Center for
Applied Probability
at Columbia University**

presents

The 17th Annual Applied Probability Day

Room 303 S.W. Mudd Building
SATURDAY, JUNE 19th, 2010

10:00 - 10:15	**Opening Remarks, Karl Sigman, Director of CAP**
10:15 - 11:00	**Devavrat Shah (MIT, Dept. of EECS)** *"Capacity, Queues and Complexity In Stochastic Networks"*
11:00 - 11:45	**R. Srikant (University of Illinois at Urbana - Champaign, Dept. of Electrical & Computer Engineering)** *"Queues, Counters, Deficits and Surpluses"*
11:45 - 1:30	**Lunch Break**
1:30 - 2:15	**Maury Bramson (University of Minnesota, Dept. of Mathematics)** *"A Positive Recurrent Reflecting Brownian Motion with Divergent Fluid Path"*
2:15 - 3:00	**Kavita Ramanan (Brown University, Division of Applied Mathematics)** *"Reflected Diffusions, Dirichlet Processes and Heavy-traffic limits"*
3:00 - 3:30	**Coffee Break**
3:30 - 4:15	**Augustin Chaintreau (Thomson Technology Paris Laboratory)** *"Communication Efficiency of Mobile Social Networks"*
4:15 – 5:30	**Wine & Cheese Reception**

This event is free. RSVP to cap@columbia.edu

For further information: http://www.cap.columbia.edu/