

## Monday

08:45	Ahmed Tewfik	<i>UT ECE Department Chair welcome and introduction</i>
09:00	Wilfrid Kendall	<i>Google maps and improper poisson line processes</i>
09:45	Sergei Zuyev	<i>Generalised eden growth model and random planar trees</i>
10:30	Break	<i>Show your badge at the Blanton Cafe and have a coffee , tea or soda on us!</i>
11:00	Tutorial 1: Martin Haenggi	<i>Asymptotics and meta-distribution of the signal-to-interference ratio in wireless networks</i>
13:30	Tutorial 2: Bartek Blaszczyszyn	<i>SINR coverage process</i>
14:30	Break	<i>Blanton Cafe</i>
15:00	Paola Bermolen	<i>Estimating the transmission probability in wireless networks with configuration models</i>
15:20	Rahul Vaze	<i>Achieving non-zero information velocity in wireless networks</i>
15:40	Christian Hirsch	<i>Large-deviation principles in SINR-based wireless network models</i>
16:00	Break	<i>Blanton Cafe</i>
16:15	Sayandev Mukherjee	<i>Stochastic geometry and the user experience in a wireless cellular network</i>
17:00	Mohamed Karray	<i>User throughput and traffic demand in cell networks</i>
18:00	Welcome Reception	<i>*ATT Conference Center Courtyard-1900 University Ave</i>

## Tuesday

09:00	Venkatachalam Anantharam	<i>Steiner's formula and large deviations theory</i>
09:45	Laurent Decreusefond	<i>The Stein-Dirichlet-Malliavin method and applications to stochastic geometry</i>
10:30	Break	<i>Show your badge at the Blanton Cafe and have a coffee , tea or soda on us!</i>
11:00	Tutorial 1: Martin Haenggi	<i>Asymptotics and meta-distribution of the signal-to-interference ratio in wireless networks</i>
13:30	Tutorial 2: Bartek Blaszczyszyn	<i>SINR coverage process</i>
14:30	Break	<i>Blanton Cafe</i>
15:00	Poster Session	<i>*Located in the Blanton's Capitol Room</i>
18:00	All Attendee Dinner	<i>*Lambert's Barbecue- From Blanton, go south on Congress, turn right on 2nd st, restaurant located at corner of 2nd and Guadalupe. Advance RSVP.</i>

## Wednesday

09:00	Robert Heath	<i>Stochastic geometric analysis of massive MIMO networks</i>
09:45	Phillipe Jacquet	<i>Capacity estimates of wireless networks in Poisson shot model over uniform or fractal Cantor maps</i>
10:30	Break	<i>Show your badge at the Blanton Cafe and have a coffee , tea or soda on us!</i>
11:00	Tutorial 1: Ilya Molchanov	<i>Random sets in economics, finance and insurance</i>
13:30	Tutorial 2: Volker Schmidt	<i>Mathematical tools for analysis, modeling and simulation of spatial networks on various length scales</i>
14:30	Break	<i>Blanton Cafe</i>
15:00	Israel Bergel	<i>Optimal routing in random ad-hoc networks with multiple antennas</i>
15:20	Paul Keeler	<i>When do wireless network signals appear poisson?</i>
15:40	Luiz Da Silva	<i>Inter-operator resource sharing, stochastic geometry, and the future of wireless networks</i>
16:00	Break	<i>Blanton Cafe</i>
16:15	Charlie Zhang	<i>Throughput analysis for sensing based spectrum sharing D2D networks</i>
17:00	Harpreet Dhillon	<i>Modeling and analysis of clusters and exclusion zones in D2D networks</i>
19:00	Cocktail Hour/Speaker's Dinner	<i>*By Invitation Only - Malverde on 2nd/Guadalupe</i>

## Thursday

09:00	Gerhard Fettweis	<i>When base stations meet mobile terminals, and some results beyond</i>
09:45	Massimo Franceschetti	<i>Information without rolling dice</i>
10:30	Break	<i>Show your badge at the Blanton Cafe and have a coffee , tea or soda on us!</i>
11:00	Tutorial 1: Ilya Molchanov	<i>Random sets in economics, finance and insurance</i>
13:30	Tutorial 2: Volker Schmidt	<i>Mathematical tools for analysis, modeling and simulation of spatial networks on various length scales</i>

\*\*\*For more details, or to view abstracts, visit: <http://www.ma.utexas.edu/conferences/simons2015/schedule.html>