

**IEEE Communications Society
Distinguished Lecturer Tour (DLT)
Report of the DLT in USA (North America Region)
17 October 2017 – 25 October 2017
Distinguished Lecturer: Marco Di Renzo**

The DLT started on 17 October 2017 from Paris, France.

I reached Pittsburgh, USA, on 17 October 2017.

On 19 October 2017, I gave my first lecture at the University of Pittsburgh (Pitt) in Pittsburgh. My host was Professor Balaji Palanisamy. My talk was given in the afternoon and was titled “On System-Level Analysis & Design of Cellular Networks: The Magic of Stochastic Geometry”. I discussed my current research on stochastic geometry modeling of cellular networks. The lecture was attended by 15+ professors and students from Pitt. The talk was very interactive and engaging with the audience. After the talk, I had the opportunity to discuss with local students about their research activities.

On 20 October 2017, I moved from Pittsburgh to Morgantown to give my second lecture at West Virginia University. My host was Professor Matthew Valenti. My talk was given in the morning and was titled “On System-Level Analysis & Design of Cellular Networks: The Magic of Stochastic Geometry”. I discussed my current research on stochastic geometry modeling for the analysis and design of energy efficient cellular networks. The lecture was attended by 35+ professors and students. I received many questions from the audience and we engaged in a very long and fruitful discussion. In the afternoon, I had the opportunity to visit the research centers of the University and to discuss with local students and professors about their research activities. At night, I went back to Pittsburgh.

On 21 October 2017, I moved from Pittsburgh to Washington DC to give my third lecture at the University of District of Columbia. My host was Professor Paul Cota. My talk was given in the morning and was titled “On System-Level Analysis & Design of Cellular Networks: The Magic of Stochastic Geometry”. I discussed my current research on stochastic geometry modeling of cellular networks. The lecture was attended by 25+ professors and students. Many people from industry attended the talk and we engaged in a very fruitful discussion on the use of stochastic geometry for cellular networks design. I received many questions from the audience. In the afternoon, I moved to Baltimore.

On 24 October 2017, I gave an invited talk at IEEE MILCOM 2017, where I presented my latest research results on Spatial Modulation and, in particular, I discussed the latest experimental activities in collaboration with Orange Labs.

I left Baltimore to go to Washington DC and then back to Paris, France, on 25 October 2017.

I take this opportunity to thank all my hosts as well as the IEEE people in the US headquarter for their help and support with the planning of the DLT and for the very warm hospitality during my entire stay in the USA.

Many thanks and best wishes,

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