

**IEEE Communications Society
Distinguished Lecturer Tour (DLT)
Report of the DLT in Japan (Asia Pacific Region)
29 July 2017 – 4 August 2017
Distinguished Lecturer: Marco Di Renzo**

The DLT started on 29 July 2017 from Paris, France.

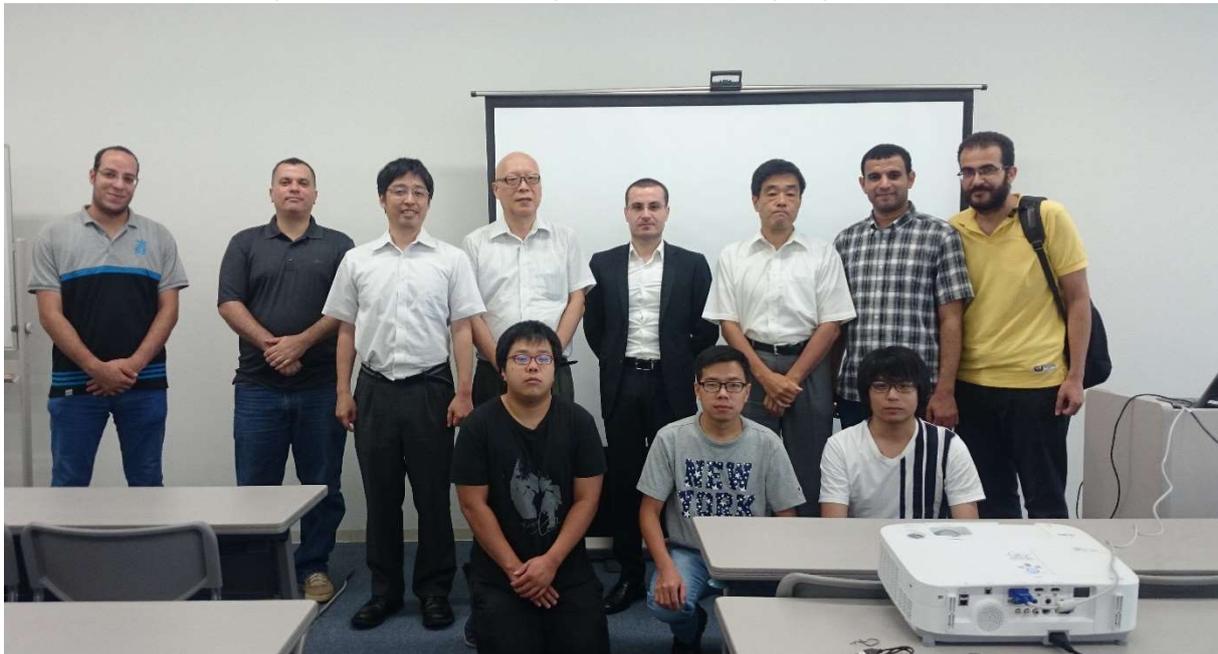
I reached Tokyo, Japan on 30 July 2017.

On 1 August 2017, I gave my first lecture at the University of Electro-Communications (UEC) in Tokyo. My hosts were Professor Koji ISHIBASHI and Professor Koichi ADACHI. 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 and my recent research results on Spatial Modulation for multiple-antenna systems. The lecture was attended by 25+ professors and students from UEC but also from researchers based in local companies, e.g., NEC. In addition, the chair of the Tokyo Chapter of COMSOC, Professor Hidenori Nakazato, attended the talk. The talk was very interactive and engaging with the audience. In the afternoon, I had the opportunity to visit UEC and to discuss with local students about their research activities. Below is a picture taken during my talk.



In the late afternoon on 1 August 2017, I left Tokyo to reach Fukuoka.

On 2 August 2017, I gave my second lecture at Kyushu University in Fukuoka. My host was Professor Osamu MUTA. 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 and my recent research results on Spatial Modulation for multiple-antenna systems. The lecture was attended by 20+ professors and students. Among them, there were a few representative people from local companies among which Fujitsu and Panasonic, as well as a few visiting students from Egypt. 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 a research center of the University and to discuss with local students and professors about their research activities. Below is a picture taken after my talk with some people who attended it.



In the late afternoon on 2 August 2017, I left Fukuoka to reach Osaka.

On 3 August 2017, I gave my third lecture at Osaka Prefecture University in Osaka. My host was Professor Hai LIN. 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 and my recent research results on Spatial Modulation for multiple-antenna systems. The lecture was attended by 15+ professors and students. I received many questions from the students, especially about the experimental activities on Spatial Modulation research and the prototype that I am developing with Orange Labs. In the afternoon, I had the opportunity to visit the University and to meet the students of Professor Hai LIN and to discuss possible collaboration opportunities with them. Below is a picture taken during my talk.



In the late afternoon on 3 August 2017, I left Osaka to reach Tokyo.

I left Tokyo on 4 August 2017 to go back to Paris, France.

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 Japan.

Many thanks and best wishes,

Marco Di Renzo
Distinguished Lecturer of the IEEE Communications Society
Paris-Saclay University / CNRS
Paris, France.