

**IEEE Communications Society
Distinguished Lecturer Tour (DLT)
Report of the DLT in the Asia-Pacific Region
(Singapore, Taiwan, China, Vietnam)
21 July 2018 – 1 September 2018
Distinguished Lecturer: Marco Di Renzo**

The DLT started on 21 July 2018 from Paris, France.

I reached Singapore, Singapore, on 22 July 2018.

On 23 July 2018, I gave my first lecture at the National University of Singapore, Singapore. My host was Professor Lim Teng Joon. Before my talk, I had a fruitful meeting with several colleagues at National University of Singapore and nearby universities and research centers on our current research activities. My talk was given in the afternoon and was titled “System-Level Modeling & Optimization of the Energy Efficiency in Cellular Networks – A Stochastic Geometry Framework”. I discussed my current research on stochastic geometry modeling of cellular networks. The lecture was attended by 25+ professors and students from the National University of Singapore and nearby universities. 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 24 July 2018, I moved to Taipei, Taiwan.

On 25 July 2018, I gave my second lecture at Academia Sinica and my third lecture at National Chiao Tung University. My host was Professor Wei-Ho Chung. My talk at Academia Sinica was given in the morning and was titled “System-Level Modeling & Optimization of the Energy Efficiency in Cellular Networks – A Stochastic Geometry Framework”. I discussed my current research on stochastic geometry modeling for the analysis and design of energy efficient cellular networks. The lecture was attended by 15+ professors and students. In the afternoon, I moved to National Chiao Tung University where I gave my third lecture titled “System-Level Modeling & Optimization of the Energy Efficiency in Cellular Networks – A Stochastic Geometry Framework”. The lecture was attended by 55+ professors and students. I received many questions from the audience and we engaged in a very long and fruitful discussion. After my talk, I had the opportunity to visit the research centers of the University and to discuss with local students and professors about their research activities.

On 26 July 2018, I moved to Guangzhou, China.

On 27 July 2018, I gave my fourth and fifth lectures at Sun Yat-Sen University and South China University of Technology. My host was Professor Miaowen Wen. My first talk was given in the morning and the second talk was given in the afternoon. Both talks were titled “System-Level

Modeling & Optimization of the Energy Efficiency in Cellular Networks – A Stochastic Geometry Framework”. I discussed my current research on stochastic geometry modeling of cellular networks. The first lecture was attended by 45+ professors and students and the second lecture by 35+ professors and students. Many graduate students attended the talk and we engaged in a very fruitful discussion on the use of stochastic geometry for cellular networks design.

On 29 July 2018, I moved to Ho Chi Minh City, Vietnam.

On 30 July 2018, I gave my final lecture at the Posts and Telecommunications Institute of Technology University, which was titled “System-Level Modeling & Optimization of the Energy Efficiency in Cellular Networks – A Stochastic Geometry Framework”. My host was Professor Vo Nguyen Quoc Bao. The talk was attended by 20+ graduate students and professors. I received many questions from the audience. In the afternoon, I was able to visit the facilities of the university and to talk and discuss with the graduate students.

On 31 July 2018, I moved to Singapore where on the same day I took my flight to Paris, France. I arrived in Paris on 1 August 2018.

I take this opportunity to thank all my hosts for the very warm hospitality during my entire stay in the Asia Pacific Region.

Many thanks and best wishes,

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