

IEEE COMMUNICATIONS SOCIETY (COMSOC)  
DISTINGUISHED LECTURER TOUR (DLT)

Report for the DLT in China (Asia/Pacific Region 10)  
May 2019

Distinguished Lecturer: Octavia A. Dobre

May 2: I gave my first lecture at Southwest Jiaotong University, IEEE ComSoc Chengdu Chapter. My hosts were Professors Zheng Ma and Xianfu Lei. The talk was on Blind Signal Identification for Intelligent Radios: Classical Approaches and New Trends, and it was attended by around 25 professors and students. At the end of the talk, there were interesting questions and discussions about the area of blind signal identification, as well as about more general areas, such as machine learning for physical layer. In addition to the talk, I had fruitful meetings with several colleagues at Southwest Jiaotong University, as well as meetings with a good number of students who presented their research work. These meetings, as well as the talk, were interactive and engaging.

May 8: I gave my second talk at Xidian University, IEEE ComSoc Xi'an Chapter. My host was Professor Jiandong Li. The talk was on 5G and Beyond: When All Technologies Should Work Together for Good, and it was attended by 60+ professors and students. There were many questions from the audience and very fruitful discussions. After the talk, I visited the State Key Laboratory of Integrated Services Network, whose focus is on future networks. With colleagues from Xidian University, we had fruitful discussions on research trends in future wireless networks. In addition, I gave talks at the Northwestern Polytechnical University, which were attended by 120+ students and professors. I also had the opportunity to visit the State Key Laboratory on Marine Science and Technology and had productive consultations on underwater communications technologies.

May 13: I gave my third talk at Beijing University of Post and Telecommunications, IEEE ComSoc Beijing Chapter. The talk was on 5G and Beyond: When All Technologies Should Work Together for Good, and it was attended by around 30 professors and students. The host was Professor Xiaofeng Tao. After the talk, we had very stimulating and productive discussions about various technologies considered for 5G and Beyond, as well as about the coexistence of terrestrial and non-terrestrial networks. In addition, I visited Tsinghua University and Beijing Jiaotong University, where I met with professors and students, and learned about their leading research laboratories related to different sectors of wireless communications.

May 17: I gave my final talk at Southeast University, IEEE ComSoc Nanjing Chapter. The talk was on 5G and Beyond: When All Technologies Should Work Together for Good, and it was attended by around 25 students. The host was Professor Chenhao Qi. A second talk was given in another campus of the same university, which was attended by approximately 100 students. We had stimulating discussions, from which everybody benefited.

After the DLT and visits at universities, I attended the IEEE International Conference on Communications (ICC), in Shanghai.

I would like to thank all my hosts for their warm hospitality during my entire stay in China (Asia/Pacific Region 10).

With many thanks and best wishes,

*Octavia Dobre*

Octavia A. Dobre  
Distinguished Lecturer of the IEEE Communications Society  
Memorial University, Canada