

IEEE Communications Society Distinguished Lecture Tour (DLT)
REPORT ON DLT IN Uruguay, Argentina and Chile between September 27th to
October 5th, 2018
by Prof. A. Ksentini

I did a DLT (10 days) in Uruguay, Argentina and Chile, from September 27th to October 5th. I had the opportunity to visit 3 different IEEE comsoc sections in cities of: Montevideo (Uruguay), Buenos Aires (Argentina) and Valparaiso (Chile). I want to thank all people that worked very hard to organize this tour, and for the logistic that was perfect.

I arrived to Montevideo on September 27th where I was hosted by Dr. Gustavo Giannattasio, the chair of Uruguay Chapter. I did my first talk on September 28th between 7:00 pm to 8:30 pm, Universidad Católica del Uruguay. The title of presentation was "Network Slicing in 5G". The talk was given in a tutorial way in order to allow the attendees to fully understand why Network Slicing is needed, and which technologies are involved. I started by presenting the requirement of 5G as specified by 3GPP, ETSI, NGMN and 5GPPP group. Then, I introduced the enabling technologies: SDN, NFV and Cloud computing. For each technology, I gave a short history, concepts, challenges and how it can enable 5G. In addition, I gave for each technology, some research results obtained by my team and some research directions. I concluded the presentation by defining Network Slicing, how it could be achieved and research directions.



Fig. 1. Talk at Montevideo

During the talk the audience was composed by students, academic faculty members, and people from industry, they represented more than 50 persons (Fig.1). People from industry were mainly from the local Network Operator, and were very active by asking

several questions related to 5G. After the presentation, we went for a dinner with the local chapter officers.

I left Montevideo on October 30th to Buenos Aires. I have been received by Prof. Marcelo Dallo, the chair of Argentina chapter. I did my second talk at Universidad Technologica Nacional (Buenos Aires) the 1st of October. The talk started at 6:00 pm and finished at 7:30 pm. I did the same talk on “Network Slicing in 5G”. During the talk the audience was composed by students, academic faculty members and people from industry, they represented around 50 persons (Fig. 2). Like in Montevideo, the people from Industry are mainly from local network operators. Several questions have been asked related to 5G, which show the importance of this topic world wide.

After the presentation, we went for a Dinner with the local chapter members.



Fig. 2. Talk at Buenos Aires

On October 2nd, I left Buenos Aires to Santiago de Chile. I have been received by Prof. Diego Dujovne, the local chair of the Cosmoc Chile section. The 3rd October we went to Valparaiso University, where I did my third talk. I repeated the talk given on “Network Slicing in 5G”. The talk started at 11:00 am and finished at 12:30 pm. The audience was

composed by students and faculty members; around 10 persons were present in the room (Fig. 3). After the presentation, we went for a launch with the faculty members.

Fig. 3. Talk at Valparaiso

The 5nd of October I took my fly back to Nice.