

XIX LATIN-AMERICAN SUMMER SCHOOL ON OPERATIONS RESEARCH (ELAVIO 2015)

QUITO, ECUADOR

Thanks to EURO and IFORS I had the opportunity to attend to XIX ELAVIO, held in the Escuela Politécnica Nacional in Quito (Ecuador) from 23rd to 27th February. ELAVIO is a summer school on Operations Research, which brings together young researchers (master and PhD students) from all over the world to create a knowledge network for future collaboration. This event combines courses and plenary talks, led by OR specialists, and parallel sessions in which students present their research topics and current work. These academic activities coexist with an amazing social program which helps not only to build an educational network but also cement friendships.

My PhD supervisor, Prof. Emilio Carrizosa, encouraged me to apply to the Spanish OR Society (SEIO) for a scholarship to attend to ELAVIO. Firstly, I was selected by SEIO to be the Spanish candidate in the EURO and IFORS process. Then, my application was also considered by those international societies to be one of the grant students.

In this school, I had the opportunity to present my recent work entitled "*Visualizing adjacency in graphs by Rectangular Charts*", where a multi-objective mixed integer nonlinear program is addressed to represent a weighted graph as a planar rectangular map. I received a great deal of useful feedback from the audience, which will help to improve my work. Moreover, I was able to attend to many other student talks in which interesting topics were presented. A scientific interchange was also scheduled, in which we had plenty of time to discuss our research with students and professors.

The social program in ELAVIO was very pleasant. We took a tour in a double-decker bus in which a tourist guide explained all the sights in the city center. The whole week we had lunch and dinner all together at the university, where we could try a wide variety of typical food from Ecuador. The very last night, we enjoyed ourselves with traditional dances and music.

I would like to thank the local organizers for all the effort put into both academic and social activities. Everything was perfectly scheduled and planned. I would also like to thank EURO and IFORS, without whom I could not have participated in this event. Finally, I must thank all the participants for their kindness and friendship. I really hope we can meet again at another school or conference somewhere in the world.

Vanesa Guerrero Lozano

PhD student in Mathematics

Dpto. Estadística e Investigación Operativa and Instituto de Matemáticas de la Universidad de Sevilla (IMUS). Facultad de Matemáticas, Universidad de Sevilla.

Email: vguerrero@us.es