

Latin American Association of Operations Research Societies Summer School for Young Scholars (ELAVIO)

Personal report
Lleida, Spain
July 01-05, 2019

First, I would like to thank the French Society of Operations Research and Decision Aid (ROADEF) for nominating me as a candidate to ELAVIO scholarship and the Association of European Operations Research Societies (EURO) for awarding me with the scholarship that made able to me attend this summer school. Thank you a lot.

ELAVIO is a summer school for young researchers to promote education in operational research and to stimulate new collaborations among young people in OR by bringing them to a friendly environment where up-to-date topics can be discussed during through short courses and plenary conferences.

During the summer school, participants had the opportunity of attending introductory courses to operations research, combinatorial optimization, algorithms and application to wide areas such as sustainability, logistics, sports, engineering, telecommunications, finance and production, amongst others. In particular, we had the opportunity to see application of operations research techniques, but are not limited to, the Argentinean and Chilean football league and the urban waste collection in Buenos Aires city as well as the design and planning of sustainable supply chains in Lisbon and modeling sustainable livestock systems with application in the Brazil. All these applications were particularly interesting because they provided a clear and realistic perspective of the applicability and impact of the operations research techniques in real world. On the other hand, the summer school also include shorts courses where classical operations research techniques are introduced. This time a short course in column generation technique was performed by Professor Victor Albornoz (Chile) and solutions approaches for cutting and packing combinatorial optimizations problem were reviewed by Professor José Oliveria (Portugal). Personally, I consider both courses were remarkable and meaningful.

Participants also have the possibility to present and discuss their works during posters sessions. This was a great opportunity to share our work with professors and colleagues and it is undeniable that all of them were deeply involved to contribute to enhancing each other work.

In addition, I would also like to highlight that not everything was courses and plenary talks. ELAVIO is also a place to meet people in social activities. Every day all attenders had lunch together at the university restaurant, and two guided tours to the city was scheduled. These activities were a nice time to share all together. Last but not least, a great gala dinner party was organized to close the summer school, where we not only enjoyed traditional plates from the region, but also a nice dancing party.

Finally, I would like to thank the organizer for the great school that I am sure all attenders will never forget.

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