
Applied Combinatorial Optimization

Joint ALIO/EURO International Conference 2021–2022
Viña del Mar, Chile, April 11–13, 2022
Proceedings

Editors

Eduardo Moreno
Elena Fernández
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on Applied Combinatorial Optimization
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Eduardo Moreno, UAI, Chile, Chair
Elena Fernández, U Cádiz, Spain, EURO Co-Chair
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Foreword by the Conference Chairs

The Joint ALIO/EURO International Conference on Applied Combinatorial Optimization series is a triennial event jointly promoted by the Association of Latin-Iberoamerican Operational Research Societies (ALIO) and the Association of European Operational Research Societies (EURO), both of which are within the International Federation of Operational Research Societies (IFORS). The main purpose of the event is to bring together Latin American and European researchers (together with researchers from other parts of the world) and to stimulate activities and developments in the field of applied combinatorial optimization.

The first edition of this conference took place in Rio de Janeiro, Brazil in 1989. Since then, a total of nine editions were held, including venues in Valparaiso, Chile (1996), Erice, Italy (1999), Pucón, Chile (2002), Paris, France (2005), Buenos Aires, Argentina (2008), Porto, Portugal (2011), Montevideo, Uruguay (2014), and Bologna, Italy (2018). Following the tradition, the locations of this conference alternate between Latin America and Europe

This volume corresponds to the proceedings of the 2021-2022 edition of this conference, which was held in Viña del Mar, Chile, in April 2022. The conference was originally scheduled for 2021, but was postponed to 2022 due to the 2020 pandemic. The conference took place in a hybrid format, with both in-person and virtual attendees, thus allowing for a safe environment in which all interested researchers and students could participate.

The conference accepted both short papers and extended abstracts. A total of 60 works were accepted by a program committee consisting of 46 researchers from 13 countries. The conference also featured three invited speakers: Dr Javiera Barrera (Universidad Adolfo Ibáñez, Chile), Dr Markus Leitner (School of Business and Economics, VU Amsterdam), and Dr Nicolás Stier Moses (Facebook Core Data Science).

We would like to thank all participants, the invited speakers, the program committee, and the local organizing committee for making this new edition of the Joint ALIO/EURO International Conference on Applied Combinatorial Optimization possible. We hope to meet again in forthcoming editions!

Eduardo Moreno,
Elena Fernández,
Javier Marengo

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