

Preface

The 13th International Conference on Integration of Artificial Intelligence and Operations Research Techniques in Constraint Programming, was held in Banff, Canada, May 29 to June 1, 2016. It was co-located with CORS 2016, the conference of the Canadian Operational Research Society.

The aim of the conference is to bring together interested researchers from constraint programming (CP), artificial intelligence (AI), and operations research (OR) to present new techniques or applications in combinatorial optimization and to provide an opportunity for researchers in one area to learn about techniques in the others. A main objective of this conference series is also to give these researchers the opportunity to show how the integration of techniques from different fields can lead to interesting results on large and complex problems. Therefore, papers that actively combine, integrate, or contrast approaches from more than one of the areas were especially solicited. High-quality papers from a single area were also welcome, provided that they are of interest to other communities involved. Application papers showcasing CP/AI/OR techniques on novel and challenging applications or experience reports on such applications were strongly encouraged.

There were 51 papers submitted. Each paper received at least three independent peer reviews. From this process, 33 papers were accepted. Among these accepted papers, four were published in the journal *Constraints*.

The conference included an invited talk given by Pascal Van Hentenryck. The first day of the conference was a Master Class about decomposition methods. Jean-François Cordeau, John Hooker, Christopher Beck, Bernard Gendron, Willem-Jan van Hoes, and Louis-Martin Rousseau gave a one-hour talk on topics covering the classic and logic-based Benders decomposition, the Lagrangian relaxation in MIP and CP, as well as column generation.

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