Plénière : Constraint programming : recent progress and applications

Pascal Van Hentenryck∗

1National ICT Australia (NICTA) and Australian National University – Australie

Résumé

Since its inception, constraint programming has featured novel ways of expressing combinatorial optimization problems and new computational models centered around feasibility. It has also been an integration paradigm, exploiting the strength of various technologies. This talk reviews recent progress in these areas and discusses some innovative applications of constraint programming. In particular, it reviews the trends in solver-independent modeling, search, and learning, and highlights applications in routing and scheduling.

Mots-Clés: Constraint Programming