Accepted Manuscript

Using a general-purpose Mixed-Integer Linear Programming solver for the practical solution of real-time train rescheduling

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 PII:
 S0377-2217(17)30404-6

 DOI:
 10.1016/j.ejor.2017.04.057

 Reference:
 EOR 14423

To appear in:

European Journal of Operational Research

Received date:21 September 2016Revised date:29 April 2017Accepted date:30 April 2017

Please cite this article as: Matteo Fischetti, Michele Monaci, Using a general-purpose Mixed-Integer Linear Programming solver for the practical solution of real-time train rescheduling, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.04.057

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Highlights

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- We propose an effective heuristic for real-time train rescheduling
- The heuristic uses a general-purpose Mixed-Integer Linear Programming solver
- Randomized variable fixing produces improved solutions for parallel runs
- The approach proved successful for real cases provided by an industrial company

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