DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
UNIVERSITY OF SOUTHERN DENMARK, ODENSE

COMPUTER SCIENCE AND INDUSTRIAL APPLICATIONS COLLOQUIUM

Advanced timetable modelling for public transportation

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IMADA's Seminar Room

Abstract: The planning process of public transport currently is divided into five major subproblems: network design, line planning, timetabling, vehicle scheduling, and duty scheduling. We first provide an example that there is a relevant potential for optimization by integrating line planning, timetabling, and vehicle scheduling. Then, we show that most important aspects of these three subproblems are covered by the standard model for periodic timetabling.

Host: Jørgen Bang-Jensen