

IAROR
International Association of Railway Operations Research

**1st Summer Course on
Railway Timetable Optimisation**

Delft University of Technology
July 14 – 18, 2008

Draft Program (April 22, 2008)

July 14

10.30 h	Welcome of Participants	<u>intended Lecturer</u> I.A. Hansen (TU Delft)
11.00-12.30 h	Line planning	A. Schöbel (U Göttingen)
13.30-15.00 h	Principles and issues of railway timetabling	I.A. Hansen (TU Delft)
15.30-17.00 h	Network stability	R.M.P. Goverde (TU Delft)

July 15

09.00-10.30 h	Multi Agent Systems	C. Witteveen (TU Delft)
11.00-12.30 h	Stochastic optimisation	M. Vromans (ProRail)
13.30-15.00 h	Scheduling for dense services	G. Caimi (ETH Zurich)
15.30-17.00 h	Exercise: Network schedules	A. D'Ariano (TU Delft)

July 16

09.00-10.30 h	Rolling stock allocation	G. Maróti (NS Reizigers)
11.00-12.30 h	Periodic vs. non periodic timetabling	C. Liebchen (TU Berlin)
13.30-15.00 h	Combinatorial optimisation of slot allocation	T. Schlechte (ZIB Berlin)
15.30-17.00 h	Excursion	

July 17

09.00-10.30 h	Traffic disturbance management	J. Törnquist (Linköping U)
11.00-12.30 h	Shunting at terminals	L. Kroon (EU Rotterdam)
13.30-15.00 h	Crew planning	D. Huisman (EU Rotterdam)
15.30-17.00 h	Real-time dispatching	A. D'Ariano (TU Delft)

July 18

09.00-10.30 h	Rescheduling	J. Jacobs (RWTH Aachen)
11.00-12.30 h	Energy-optimal driving	T. Albrecht (TU Dresden)
12.30-13.00 h	Closure	I.A. Hansen (TU Delft)

Course fees including lunches, coffee and tea : €500 per participant

Travel costs are to be born by participants

Link list of hotels and registration via n.fontein@tudelft.nl