



First Meeting of the new Sim-Serv Working Group

“Simulation of Traffic and Transportation Systems”

Wroclaw University of Technology

Centre for Advanced Manufacturing Technologies

15th of July, 2004

9.00 – 17.00h

Identified transportation problems for simulation

1. Arkadiusz Woronko, Municipal Office of Wrocław

- The priority for public transport in a communication network
- Dynamic timetable balancing

2. Marcin Golinczak, University of Wrocław

- The priority for trams (public transport) and car flow optimisation
- Traffic lights coordination

3. Krzysztof Gasz, Maciej Kruszyna, Department of Roads and Airports (TUW)

- The priority for public transport driving out from the stops located near intersection with traffic lights
- Pedestrians flow in the area of a junctions with traffic light
- Intersection without traffic lights with a blocked main road
- Vehicles of public transport flow through bottlenecks
- Load of transit roads

4. Jarosław Chrobot, Marcin Walczak – CAMT

- Travel time estimation
- Travel path optimisation
- Pedestrians and public transport coordination
- Air pollution measurement
- Analysis of critical states in a city network
- Evaluation of reconstruction plans

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