

IVT - Assignments

Head: Dr. A. Kouvelas

Topic: **Analyzing the coordinated traffic flow management implementation in Aimsun**

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Registration: www.ivt.ethz.ch/en/studies/downloads/assignments.html#registration

The studies has shown the advantages of applying coordinated control approaches for the better traffic management in highway networks. In this research, we implement one of this coordinated method in an Aimsun model for Antwerp ring road case study

Links: -

Requirements:

- Familiar with traffic engineering
- Familiar with microscopic modelling and simulation of traffic operations
- Good coding skills in MATLAB or Python
- Familiar with Aimsun

Minimum credits: 24 ECTS

Group work: Maximal two persons
