

# International PhD summer school

## Cycling in Cities



An initiative of **TRAIL Research School** in the Netherlands

### Key information

Date:	9-13 September 2019
Costs:	€1.000 for non-TRAIL PhD students; free for TRAIL PhD students
Location:	Amsterdam and Rotterdam, the Netherlands
Organized by:	Research School for TRANsport, Infrastructure and Logistics (TRAIL)
Target group:	International PhD students, both TRAIL and non-TRAIL members
Credits:	1 - 2 ECTS

### Deadlines

First registration:	15 April 2019
Final application:	1 June 2019
Admittance:	1 July 2019

### Staff

Course managers:	Prof Serge Hoogendoorn, dr Kees Maat
Other lecturers:	Prof Bert van Wee, prof Marjan Hagenzieker, prof Erik Verhoef prof Henk Meurs, prof Karst Geurs, dr Jan Anne Annema, dr Winnie Daamen dr Paul Koster, dr Maarten Kroesen, dr Fariya Sharmeen, Warner Beumer, Danique Ton.

### For whom is the summer school?

This summer school is offered to PhD students, who are involved in research on the social, spatial, mobility and policy aspects of **cycling**. It does not matter whether you are about to start or whether you are well on the way.

### What is the summer school about?

As a mode of transport, the bicycle is on the rise and benefits from trends in the field of new technologies, business models, infrastructure and urbanization models. In addition to solutions for accessibility, sustainability and health problems, the change and growth in bicycle traffic is creating new complexities, such as the relationship with other modalities, legal aspects, financing, spatial planning, integration into policy and new behavioural mechanisms. Yet there is still a lot that we do not understand. With your PhD research *you* aim to contribute to a better understanding. The summer school aims to provide theoretical guidance and methods to better evaluate and understand changing travel behaviour, in particular cycling behaviour. It offers PhD students a multidisciplinary basis with regard to current knowledge and research approaches, so that you can build on this in your own research.

### What do you gain?

During this summer school you will learn from and work under the supervision of top scientists in the domain of transport, who are highly involved in *cycling*. This gives you the opportunity to make a major step forward in your research. Moreover, you will have the opportunity to extend your network, both with professors and fellow-PhD students in your field of research.

The summer school enables PhD students to choose future research directions, better explain their research to colleagues and peers, as well as understand the research approaches and outcomes of their colleagues. For this, you get:

- interactive lectures, to gain state-of-the-art scientific knowledge on planning and evaluation of bicycle traffic, cycling behaviour and bicycle developments;
- practical training, to learn research methods that are specifically aimed at bicycle travel and traffic;
- feedback and discussion during workshops on your own PhD research ideas from professors and fellow PhD students;
- experience of cycling facilities and daily cycling traffic during field trips to a city where the bicycle is dominant, *Amsterdam*, and a city where it is not yet dominant but on the rise, *Rotterdam*. We will also visit an electric bicycle firm.

### Who is organizing this summer school?

TRAIL is a Dutch research school which aims to provide high quality training and education for PhD students in the area of Transport, Infrastructure and Logistics. The school is supported by six universities. In 2018, TRAIL organized a successful international PhD summer school on autonomous driving. For more information on TRAIL: [www.rstrail.nl](http://www.rstrail.nl).

### Set-up of the summer school

This summer school will involve a mix of lectures, interactive sessions and field trips. Interactive sessions with intensive feedback from scientists and from fellow PhD students will be dedicated to specific cases brought in by the PhD students. At the end of the summer school, each PhD student will submit a written research plan for their entire thesis or for a journal article. This research plan includes (as far as possible) the aim(s), methods, theories and societal and scientific relevance of your case study. The assignment will be assessed by the lecturers. A certificate of 2 ECTS will be provided upon successful completion of the assignment (1 ECTS will be given for attending only).

In short, the (provisional) program of the summer school is as follows:

- **Monday** Welcome & course introduction. Introduction to cycling (*Bert van Wee*). Field trip in Amsterdam including visit to VanMoof.
- **Tuesday** Traffic & travel experiment and modelling (*Serge Hoogendoorn, Danique Ton, Winnie Daamen*).
- **Wednesday** Cycling safety (*Marjan Hagenzieker*). Cycling and health (*Maarten Kroesen*). Cycling and the environment (*Jan Anne Annema*). Evaluation methods (*Erik Verhoef and Paul Koster*). Dinner in Amsterdam.
- **Thursday** Built Environment (*Kees Maat*). Public transport & TOD (*Karst Geurs*). Field trip in Rotterdam (*Warner Beumer*).
- **Friday** Cycling policy implementation (*Henk Meurs, Fariya Sharmeen*). Presentations by students. Wrap up, evaluation & closing (*Serge Hoogendoorn*).

### Field Trips



*The main venue is in Amsterdam. This is perhaps the most famous cycling city in the world. Our basis is at the waterfront. The field trip allows you to experience the cycling facilities, but also the hustle and bustle of everyday cycling traffic.*



*For one day, we travel by using the high-speed rail to Rotterdam. This modern looking city is traditionally more car-oriented, but every day it becomes more bicycle friendly. We are guest of the municipality of Rotterdam.*

### Venue

The Summer School lectures will be held at the Amsterdam Institute for Advanced Metropolitan Solutions (AMS) at the Marineterrein in Amsterdam. This institute educates engineers, designers and social scientists in interdisciplinary metropolitan solutions, with TU Delft, Wageningen UR and MIT as core academic partners. On Thursday the lectures will be held at the Timmerhuis in Rotterdam, followed by a field trip. AMS is located on the waterfront with a dynamic view: [www.marineterrein.nl](http://www.marineterrein.nl), accessible from the railway station on foot, by bike and by bus. The station is directly connected to Schiphol Airport.

### Meals and accommodation

The participation fee includes coffee & tea, lunches every day, and a dinner on Wednesday. Travel expenses and hotel accommodation are not included.

Amsterdam offers a wide variety of hotel accommodations. Closest to the course venue e.g. is 'Pension Homeland' on the Marineterrein.

### How to apply?

- (1) Submit your intention to participate [via this registration form](#) or scan the QR-code before **April 15<sup>th</sup>**.



- (2) Submit your application with a short CV, letter of motivation, and abstract of your PhD research (500 words) by e-mail to [info@rstrail.nl](mailto:info@rstrail.nl) by **June 1<sup>st</sup>**.
- (3) Delegates from TRAIL will select and inform a maximum of 25 candidates by **July 1<sup>st</sup>**. Once you are selected you will be invited to submit a draft working paper a few weeks before the start of the summer school.

### Questions

If you have any questions about the summer school, about the content or the organization, feel free to send an email to Conchita van der Stelt - [info@rstrail.nl](mailto:info@rstrail.nl).