Who and what?
The City of Amsterdam, the ARENA architectural research network and Delft University of Technology (through Delft Deltas, Infrastructures & Mobility Initiative, the Faculty of Civil Engineering and Geosciences and the Faculty of Architecture and the Built Environment), join the Amsterdam Institute for Advanced Metropolitan Solutions (AMS) in the organization of the interdisciplinary 2019 Summer School: ‘Smart Mobility & Urban Development in Haven-Stad’.

Participants of this summer school will explore interdisciplinary approaches towards a sustainable integration of designing disciplines for smart urban mobility and the new urban development area Haven-Stad in Amsterdam. They will deal with the following themes: the role and function of smart urban mobility, including mobility as a service (MaaS) and emerging mobility options; travel behaviour of a growing number of users; sustainability challenges and fairness in transport planning; public and semi-public spaces (and social dynamics therein); exploration of alternative, marginal and emerging social uses of urban developments as meeting places and culture; urban integration in the overall mobility system; the interface between architecture and infrastructure within the urban fabric; programming of future transport nodes and the accessibility to and from such transport hubs of all types of smart mobilities (e.g. conventional public transport, shared mobility, autonomous taxis, etc.).

This is a follow up of the previous Summer Schools at AMS Institute: Making the Metropolis in 2017 and Integrated Mobility Challenges in Future Metropolitan Areas in 2018, which was linked to the Stations of the Future/Gares du Futur event held in Paris. The outcome of this Summer School and the Paris event is presented in the book Stations as Nodes.

Brief
The main goal of the summer school is to find solutions for multimodal mobility in future urban areas to promote a high level of public spaces connecting Haven-Stad, Amsterdam and the Randstad with other smart transportation nodes. The solutions will provide travellers with a high level-of-service, while enhancing the quality of life of the future inhabitants and daily users of Haven-Stad.
**Costs**

Costs: Free*/€ 200,– (field excursions, lectures and tutoring)

*Researchers and students from ARENA Architectural Research Network, Delft University of Technology, Wageningen UR and MIT Boston can participate free of charge.

**Main venue**
AMS Institute, Kattenburgerstraat 6, Building 027W 1018 JA, Amsterdam (NL)

**More information about the previous events**
https://www.ams-institute.org/education/summerschools/

Several design disciplines, covering transport behaviour, infrastructure design, service design and people flow management will be closely integrated with the fields of urban planning and architectural design at various spatial scales.

Mobility operates as the intersection between the city’s infrastructure and its city’s inhabitants; it is the central link in the well functioning of a city and a key element in the organization of multimodal transport.

The appointment of a new high dense metropolitan area called Haven-Stad in Amsterdam gives the opportunity to design from the ground up integrated mobility solutions while maintaining high quality urban planning and architectural expression. The focus area is closely connected to the center of the City of Amsterdam, but the design solutions will stretch as far as the Randstad metropolitan area.

The main question will be: **which approaches and scenarios of smart (multimodal) mobility can be tested and applied to the future urban development of Haven-Stad, Amsterdam?**

Participants of the summer school from different (design related) backgrounds will exchange knowledge of sustainable (existing and future) solutions by applying different development strategies on Haven-Stad. This test-bed and real-life location is considered as the biggest urban generator for future developments in Amsterdam and therefore is a very realistic design challenge.

This is all connected to the **urban challenges on Smart Urban Mobility established by AMS Institute:**

- **MaaS and public transport: User-driven Mobility as a Service concepts and innovative public transport solutions to make going from A to B as seamless as possible**
- **Active Modes: Bike and pedestrian flows and prototypes crowd monitoring tools to create safe and pleasurable experiences for both visitors and citizens**
- **Autonomy: Driverless vehicles, both on the street and in the water and their impact on urban design to create a better quality of life.**
- **Mobility hubs: Points in the urban and mobility network that combine various activities to realize more efficient movement of people and goods in an attractive and accessible urban environment.**
- **Data: New ways of collecting and fusing data from various sources with different scales, times and granularity to find new patterns, connection and proof for mobility solutions.**

**Application**

Application deadline: **July 8th 2019**.

Application should include: full name, email address, cell phone number, university, faculty, study program (incl. field of discipline); CV and a motivation letter (maximum of 100 words).

Admission will be based on evaluation on CV and motivation letter. Shortly after the 8th of July you will hear if you are granted to participate.

**Organising Committee**

Jan Delfhuys
Joran Kuiper
Tom Kuipers
Sanmay Shelat
Fatemeh Torabi Kachousangi
Manuela Triggianese

**Contact**

Send your application or enquiries to: Joran Kuiper: j.a.kuiper@tudelft.nl

**Scientific Committee**

prof.dr.ir Serge Hoogendoorn (AMS)
prof.ir. Kees Kaan (TU Delft, AMS)
prof.dr.ir. Arjan van Timmeren (TU Delft, AMS)
dr.ir Maurice Harteveld (TU Delft, AMS)
dr Niels van Oort (TU Delft)
dr.ir Roberto Cavallo (TU Delft, ARENA)
dr.ir. Manuela Triggianese (TU Delft, AMS)
prof.dr. Marcel Hertog (TU Delft, DIMI)
dr prof. Urs Hirschberg (TU Graz, ARENA)
dr prof. Bernard Kormoss (ULiège, ARENA)