

# Urban Mobility PhD Colloquium

Within the **School of Engineering and Design** with its new **Department of Mobility Systems Engineering**, to be formalized by October 2021, we want to address urban mobility in an interdisciplinary perspective. That's why within the **Research Platform TUM.Mobility** as a strategic program of TUM for sustainable mobility, the **PhD Colloquium on Urban Mobility** takes a focus on one out of the eight fields of competence. This colloquium is a starting point, of our **openLAB Urban Mobility**, going live in April 1<sup>st</sup>, 2021. ([www.mobility.tum.de](http://www.mobility.tum.de))

Doctoral candidates in the field of competence on urban mobility are invited to participate.

## Doctoral candidates' Colloquium

Urban mobility is researched by individuals from a broad spectrum of subjects; engineers, planners, sociologists, economists, health scientists, public and business administrators, architects, designers, computer scientists, cartographers and many other fields. Although they share an interest in topics related to mobility and transportation, doctoral candidates with various disciplinary backgrounds rarely interact and learn about one another's' research perspectives on key urban mobility issues are and how these might be solved. When they do interact, they might see the final product of one another's' work, but may not be asked to critically reflect on, respond to or give input to improve the research, thus missing out on chances to deepen their respective research projects.

Through this seminar, we offer doctoral candidates an opportunity to discuss their mobility and transportation research and the challenges they face with their interdisciplinary mobility research peers at TUM. We aim to foster a network among doctoral candidates and stimulate an active dialog and exchange of ideas across disciplinary, philosophical, methodological, and modal boundaries. Each participant will give a presentation on the **content of their on-going research** and ask the other participants to help them **solve a problem** or **critically review** an element of their work.

Participants will be exposed to a variety of mobility research problems addressed by the other doctoral candidates, while learning about the different ways of doing, thinking about, and applying research. They will also gain concrete feedback from their peers to help them further develop and deepen their doctoral research.

## Colloquium's goal

The Urban Mobility PhD Colloquium is a platform, for doctoral candidates working on mobility and transportation research at TUM, to come together and exchange ideas to collectively advance the doctoral research being done in our community.

The four main objectives of the colloquium are:

1. Provide doctoral candidates an opportunity to present and discuss their research with their mobility and transportation peers, outside of their immediate study area;
2. Offer an outlet to garner feedback on particular challenges each doctoral candidate is facing in their research;
3. Promote an interdisciplinary dialog between researchers from any field focused on urban mobility and transportation topics; and

4. Support an exchange of ideas about the future of urban mobility, the utility of different research methods for mobility research, and role of transportation and mobility research.

## Colloquium's framework

- **Who can join and when to present:** Doctoral candidates are invited to participate in the colloquium at any stage in their research.
- **Content of the presentation:** The presentation should explain the mobility research problem, goals, methods, and expected outcomes as well as the outline the aspect of your research you would like feedback on. Possible advices or feedback you may seek through this seminar include, but are not limited to:
  - input for defining your research problem
  - test the legibility of your research questions or theoretical/conceptual framework
  - advice on refining your investigations, quantitative and/or qualitative
  - review your initial interpretation of your preliminary results
  - refine your argumentation and conclusions
- **Duration of the presentation:** Each session of two hours, to candidates will present. Each participant will have 45-minutes to present and discuss their research, with a presentation being a maximum of 20-minutes to allow time for an elaborated discussion. We will aim to have a joint discussion of the two topics and use some of our time to share updates on information about mobility research and opportunities in an informal way.
- **Language:** German or English
- **Bring your supervisor:** Doctoral candidates are strongly encouraged to bring their first and second supervisors to join the colloquium for the session they are presenting.

**Members of the TUM Graduate School can obtain a certificate for 1 SWS credit by fulfilling three conditions:**

1. Submit a 300-word abstract about your topic to Cat Silva via email on your topic by April 22<sup>nd</sup>
2. Present your work at the colloquium during one of the sessions
3. Attend all colloquium sessions

The course consists of four virtual sessions with student presentation and discussion, plus other opportunities to join scientific and casual discussions about urban mobility at TUM.

**When?** Thursdays, (May 6<sup>th</sup>, May 20<sup>th</sup>, June 10<sup>th</sup>, June 24<sup>th</sup> and July 15<sup>th</sup>) from 16-18h

**To register** for the seminar and sign up to present, use the link provided below.

### Contact

Cat Silva, MUP, MPA  
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### Register now!

online:  
<http://go.tum.de/011982>

