

HEART 2020

9^e Symposium of the European Association for Research in Transportation

LAET (Transport, urban planning and economics laboratory)
ENTPE, Université de Lyon
September 1-3, 2020
Lyon Vaulx-en-Velin, France

Call for papers

The symposium is an annual event organized by the European Association for Research in Transportation (hEART). Previous locations of hEART symposia include Lausanne (EPFL, 2012), Stockholm (KTH, 2013), Leeds (University of Leeds, 2014), Copenhagen (DTU, 2015), Delft (TU Delft, 2016), Haifa (Technion, 2017), Athens (NTUA, 2018), and Budapest (BME, 2019). After these successful meetings, the ninth conference of European Association for Research in Transportation (hEART) will arrive to Lyon in 2020.

LAET is organizing the conference at ENTPE, Vaulx-en-Velin-Lyon (<https://heart2020.sciencesconf.org/>). It will cover relevant areas of transportation research with specific focus on methods, models and planning of transport systems.

The aim of the conference is to connect researchers in transport modelling, transport economics, transport engineering and transport policy with advanced practice and state of the art. Bringing together leading experts and promising young researchers, the symposium offers an opportunity for scientific discussion and interaction in relatively small groups. The conference will be accompanied by social events and a summer school intended for PhD students the day before the symposium on August 31st, 2020.

Submission guidelines

Short papers of 2000-3000 words are invited for submission by 1st February 2020. Submissions will be reviewed by members of the scientific committee. The short papers should clearly state the research goals, elaborate methods and discuss the results in order to allow the scientific committee to assess their quality. On-going researches are not welcome as we are expecting clear indication of the conclusions from the research. Only original contributions are considered for presentation at the conference. Submissions should be made on easychair conference HEART2020:

<https://easychair.org/conferences/?conf=heart2020>.

A maximum of one presentation is allowed per person attending the conference. This means that an author can be co-author in multiple papers, but is not allowed to present more than one paper.

Important Dates

Short paper submission: **1st February 2020**

Notification of acceptance: **15th April 2020**

End of Early registration: **30th May 2020**

Conference Fee*

Early registration / late registration

full price: 400 EUR / 500 EUR

reduced (student): 200 EUR / 250 EUR

**plus VAT (if applicable)*

Topics

The 9th edition of the conference will include several transportation related topics and will focus on issues of transport modelling, transport economics, transport engineering, planning and policy, innovative solutions.

- Transport and LUTI (Land Use and Transport Interaction) modelling using different kind of modelling techniques (discrete choice, activity based, multi-agent...)
- Travel demand/behaviour
- Discrete choice analysis
- Traffic flow theory and dynamic modelling
- Operations research applications
- Pricing and economic analysis
- Autonomous and connected vehicles, shared mobility
- Traveller information systems, MaaS (Mobility as a Service)...
- Freight modelling and especially last mile in urban freight
- Multi-modal transportation
- New mobility services and active mobility (in relation with health research)
- Big data analytics and validation (mobile phone data, smart card data, smartphone app...)

Keynote speakers

- Prof. Catherine MORENCY, école polytechnique de Montréal, chaire Mobilité
- Prof. Steff PROOST, KU Leuven, Faculty of Economics and Business
- Prof. Isabelle THOMAS, UC Louvain, geography school

Journal publication

The conference has no specific proceedings; however, selected papers of excellent quality and in line with the scope of the special issues will be invited for special issues of leading international peer-reviewed journals (journal will be approached after the conference based on paper presented at the conference). Submitted papers will be subject to journal standard review procedures.

Summer school

The day before the conference (August 31st, 2020) a summer school will be organized for PhD students. The summer school program is in progress and it will be delivered on the conference web site by the beginning of 2020.

Conference venue

The conference will be hosted on the campus of ENTPE in Vaulx-en-Velin (<https://www.entpe.fr/venir-lentpe>). The venue is easily accessible by metro + bus lines from main locations of Lyon area (including airport and train stations). Several accommodations are available in Lyon and Villeurbanne (<https://en.lyon-france.com/>)

Conference web site

<https://heart2020.sciencesconf.org/>

Steering committee

- Prof. Nikolas Geroliminis (EPFL)
- Prof. Constantinos Antoniou (TUM)
- Prof. Michel Bierlaire (EPFL)
- Prof. Elisabetta Cherchi (Newcastle Univ.)

- Prof. Caspar Chorus (TU Delft)
- Prof. Mogens Fosgerau (Univ.of Copenhagen)

Local organizing committee

- Patrick BONNEL, LAET (Chair)
- Louafi BOUZOUINA, LAET
- Florent LAROCHE, LAET
- Guillaume MONCHAMBERT (program committee chair)
- Pierre-Yves PEGUY, LAET
- Charles RAUX, LAET
- Florence TOILIER, LAET