



48th European Transport Conference 9 – 11 September 2020



CALL FOR PAPERS

System Dynamics

Simulation models are well established in transport-related research, with system dynamics (SD) being increasingly utilised. Transport systems and policies are complex, involving multiple agents or stakeholders, and there are many different feedbacks involved with different time lags between responses of users, developers, operators and policy makers. SD not only offers a different perspective to transport planning but also can demonstrate to policy makers the importance of these feedbacks and lagged responses. Further to this, SD also offers specialised tools and approaches for hybridisation with other simulation techniques, which aid in the understanding of the whole underlying system, calibration of models, optimisation of policies and ease of use through flight simulators.

Abstracts are now invited which demonstrate the success of system dynamics in transport related research. Innovative approaches and cross-fertilisation with alternative forms of modelling/impact assessment tools, or new and emerging forms of data are encouraged. Topics can cover any aspect of transportation, such as:

- Freight and logistics,
- Development of new technologies or business models,
- Smart transportation systems,
- Reduction of transport's carbon footprint,
- Transport and urban planning policies,
- Performance measurement in transport operations,
- Stakeholder engagement in transportation governance,
- Transport and health,
- Sustainable and equitable policy analysis.

Important notice:

If you submit an abstract, this will go through a selection process. Each year we receive more abstracts than can be accommodated in the programme. If your abstract is selected, please be aware that others have been rejected, that the ETC organisation has invested time in devising an attractive and coherent programme and that delegates have used this programme to decide to come to the conference.

Before submitting your abstract, please make sure there is time and funding to have at least one of the authors come to the conference to present the paper and that you have/will obtain the approval needed (from management or client) to present the work in public at the time of the conference.

We do understand that sometimes circumstances change, forcing authors to withdraw. You would help us by informing us as soon as possible, preferable ample time before the conference. Last minute withdrawals or no-shows negatively affect the conference experience of your fellow transport professionals.

If you need any assistance, please contact Sally Scarlett: sally.scarlett@aetransport.org