

Making Sustainable Mobilities – Interdisciplinary Perspectives

7 & 8 April 2011

Oskar von Miller Forum, Munich, Germany



‘Making Sustainable Mobilities - Interdisciplinary Perspectives’

The conceptual openness of a scientific approach to sustainable mobility and transport challenges societies, politics and the sciences. Solutions for the complexities of sustainable development in mobility and transport call for interdisciplinary research and the development of science-based policies. New forms of collaboration between natural and social sciences, economic actors, politics and the civil society need to be invented and explored.

The mobil.TUM 2011 conference faces some of these challenges for mobility in the 21st century. It asks for visions and concepts for the technological, material, ecological and social development of mobile societies. It provides common ground for future research and transnational interdisciplinary cooperation in the field of sustainable mobility.

The mobil.TUM 2011 conference gathers the competence in the field and presents cutting edge research from multiple backgrounds. Selected experts, key players in their specific fields, come together for an interactive conference documenting and generating new perspectives, theories and methodologies.

As an expected output from the conference participants compile new knowledge and develop an innovative research agenda for joint work on sustainable mobility and transport with lasting impacts on future research and development. The conference will be framed by keynotes from well-known scientists standing for a highly profiled position within their discipline and the field of sustainable mobility research.

Preliminary Conference Programme

April 7th, Thursday

8:30 – 9:30 Registration, get together

9:30 – 10:00 Welcome

Prof. Regine Gerike (mobil.TUM, TUM),
Dr. Sven Kesselring (mobil.TUM, TUM)
Prof. Werner Lang (Oskar von Miller Forum, TUM)
Prof. Wolfgang A. Herrmann (President TUM)
Prof. Elisabeth Merk (City of Munich)

10:00 – 11:00 Definitions of sustainable mobilities

Plenary session with Egon Becker, Werner Lang,
Felix Rauschmayer, Carsten Gertz
Chair: Regine Gerike

11:00 – 11:30 Coffee break

11:30 – 12:30 Keynote 1

David Banister, Oxford:
The trilogy of distance, speed and time.

12:30 – 13:30 Lunch break

13:30 – 15:00 Parallel sessions 1 and 2

1. Sustainable mobilities: theories, concepts, methodologies

- Pries, L.; Maletzky, M.; Seeliger, M.:
Virtualization of cross border labour mobility – a chance for sustainability?
- Creutzig, F.; Edenhofer, O.; Mühlhoff, R.:
Operationalizing sustainable transport scenario analysis.
- Götz, K.; Deffner, J.:
Current changes for a new mobility culture – from ecological critique to vision – from vision to reality.
- Kropp, C.; Beck, G.:
How users imagine sustainable futures “after the car”.

2. The built environment as a key factor for sustainable mobility

- van Acker, V.; Derudder, B.; Witlox, F.:
Spatial (mis)match and its travel consequences.
- Jones, T.; Strano, E.:
The contribution of urban form in encouraging everyday walking and cycling in English cities.
- Naess, P.:
Transport rationales as links in causal relationships between residential location and travel
- Stone, J.:
Can successful European models of public transport governance be transferred to Australian cities?

- Wulforth, G.; Keller, J.; Büttner, B.:
Sustainable accessibility – enabling and facilitating sustainable mobility behaviour.

15:00 – 15:30 Coffee break

15:30 – 17:00 Parallel sessions 3 and 4

3. Transport planning and engineering for advancing sustainable mobility

- Van der Waerden, P.; Timmermans, H.:
Do parking measures contribute to a sustainable transportation system?
- Crozet, Y.; Mercier, A.; Ovtracht, N.:
From past to future of sustainable mobility in Lyon’s urban area – scenarios and “stress tests”.
- Miles, A.; Moore, N.; Savage, M.; Tight, M.; Timms, P.; Watling, D.:
New approaches to sustainable transport evidence and modeling paradigms for transforming travel behaviour.
- Mantas, A. I.:
The place of pedestrians and cyclists in Portuguese sustainable mobility plans.
- Monninger, D.:
Public transport for people with intellectual disabilities.

4. Economic instruments and regulation

- Francke, A.; Kaniok, D.:
The effect of pricing structures and communication on user reactions towards road pricing.
- Dziekan, K.; Ligurio, G.; Ramazzotti, D.:
MobiMart – a pilot test on sustainable mobility credit system in Bologna.
- Dane, G.; Arentze, T.; Timmermans, H.; Ettema, D.:
Estimating time, money and location effects in the organization of leisure activities in time and space.
- Khademi, E.; Timmermanns, H.; Dane, G.; Yang, D.:
Consumer response to accumulated transport charges: results from a single attribute mixture-amount choice experiment.

17:00 – 18:00 Keynote 2

Margaret Grieco, Edinburgh:
Social sustainability and urban transport: involving the end user.

Evening Dinner, get together

Hofbräu am Wiener Platz

April 8th, Friday

8:00 – 8:30 Welcome and introduction for the day

8:30 – 9:30 Keynote 3

Andreas Kopp, Washington:

Sustainable transport and development: the need for a broad reform agenda.

9:30 – 11:00 Parallel sessions 5 and 6

5. Everyday mobility & travel behaviour

- Scheiner, J.:
Gender structures in car availability in car-deficient households.
- Ettema, D.; Schwanen, T.:
A relational approach to analyzing leisure travel.
- Manz, W.; Bruns, A.:
Reurbanisation – an opportunity for public transport?
- Olde Kalter, M-J.; van Beek, P.; Geurs, K.:
Towards a new Dutch mobility panel.
- Wilke, G.; Schneider, C.:
Learning from the „Elektromobilisten“ for the diffusion of electric mobility?

6. The production of mobilities: mobility policies and governance

- Freudendal-Pedersen, M.; Kesselring, S.:
Friction needed. Conflict as a path towards sustainable mobilities.
- Switzer, A.; Bertolini, L.:
Insights for delivering integral, multimodal regional transport – the power of a transition and planning theory combination.
- Tennøy, A.:
Reducing urban traffic volumes – is our knowledge good enough?
- Svensson, T.:
Barriers to sustainable mobility – transport technologies, infrastructures and land-use patterns in a dynamic perspective.
- Henneke, C.; Moritz, E. F.; Valtingoier, I. P.; Innerebner, G.:
Behavioural mobility governance - an emotional approach to bicycle marketing.

11:00 – 11:30 Coffee break

11:30 – 13:00 Parallel sessions 7 and 8

7. The politics of mobility and transport

- Maksim, H.:
Mobility potential and social inequality: The concretization of transport and urban policy in Switzerland and in France.

- Hrelja, R.:
Unsustainable cities and local day-to-day transport planning.

- Richardson, T.; Jensen, A.:
Governing sustainable mobilities: the role of the imagined mobile subject.

- Schwedes, O.; Kettner, S.:
A critical actor-based analysis of the e-mobility discourse in Germany.

- Wengraf, I.:
Going green: the rise (and fall) of London's G-Wiz EV.

8. Transport and environment

- Rabenstein, B.; Friedrich, M.; Wacker, M.:
Microscopic modeling of household consumption decisions to evaluate energy saving measures.
- Kickhöfer, B.; Hülsmann, F.; Gerike, R.; Zilske, M.; Nagel, K.:
Towards an evaluation of GHG mitigation policies for Munich.
- Boussauw, K.; Witlox, F.:
Regional variations in travel energy consumption: some evidence from Flanders.
- Kraschl-Hirschmann, K.; Fellendorf, T.:
Analysis of trajectory data to estimate energy consumption of e-cars.
- Lüßmann, J.; Schendzielorz, T.:
Cooperative mobility for energy efficiency – achieving a perfect eco driver in a perfect eco-managed road-network.

13:00 – 14:00 Lunch break

14:00 – 15:00 Keynote 4

John Urry, Lancaster:

Oil and modernity.

15:00 – 16:30 Towards sustainable mobility – ways to go

Panel discussion with Martin Lanzendorf, Ole B. Jensen, Margaret Grieco, Hermann Knoflacher, Udo Becker

16:30 End of conference

Scientific committee

- Prof. Dr. Kay Axhausen (CH)
- Prof. Dr. David Banister (UK)
- Prof. Dr. Egon Becker (D)
- Prof. Dr. Fritz Busch (D)
- Dr. Claus Doll (D)
- Prof. Dr. Carsten Gertz (D)
- Prof. Dr. Margaret Grieco (UK)
- Prof. Dr. Ole B. Jensen (DK)
- Dr. Andreas Kopp (USA)
- Prof. Dr. Werner Lang (D)
- Prof. Dr. Martin Lanzendorf (D)
- Prof. Dr. Claus Tully (D)
- Prof. Dr. John Urry (UK)
- Prof. Dr. Michael Wegener (D)
- Prof. Dr. Gebhard Wulfhorst (D)

Supporting Institutions



Hans **Böckler**
Stiftung 



Location

Oskar von Miller Forum
Oskar-von-Miller-Ring 25
80333 Munich

Public Transport

from airport: S1 /S8 to central station
from central station: U4 direction: Arabellapark,
U5 direction: Neuperlach Süd
Exit: Odeonsplatz
No conference parking

Registration

Conference Language: English
Contact and Registration:
www.mobil-tum2011.de

Concept

mobil.TUM,
Prof. Regine Gerike, Dr. Sven Kesselring
interdisciplinary research and project group,
TU Munich

Design

2bex, München