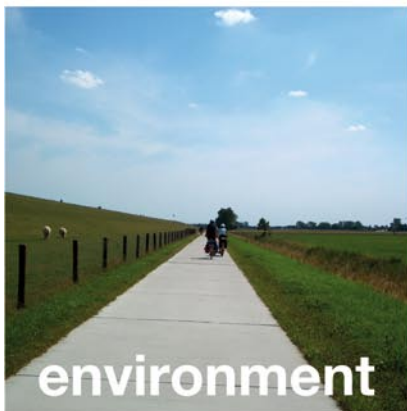




mobil.TUM 2011
International Scientific Conference
on Mobility and Transport

Making Sustainable Mobilities – Interdisciplinary Perspectives

7 & 8 April 2011
Oskar von Miller Forum, Munich, Germany



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 (Cosmobilities Network)
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 Werner Lang, Uta Maria Pfeiffer, Felix Rauschmayer, Stephan Reiß-Schmidt
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 (Chair: Felix Rauschmayer)

- Götz, K.; Deffner, J.:
A new mobility culture - now!
- 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.
- Kropp, C.; Beck, G.:
How users imagine sustainable futures “after the car”.
- Sergio Jara-Diaz:
Urban Travel and Activities: time use and its values.

2. The built environment as a key factor for sustainable mobility (Chair: Gebhard Wulfhorst)

- van Acker, V.; Derudder, B.; Witlox, F.:
Spatial (mis)match and its travel consequences.
- Naess, P.:
Transport rationales as links in causal relationships between residential location and travel.
- Jones, T.; Strano, E.:
The contribution of urban form in encouraging everyday walking and cycling in English cities.

- Stone, J.:
Can European transit governance help to save Australian cities from failed neo-liberalism?

- Boussauw, K.; Witlox, F.:
Regional variations in travel energy consumption: some evidence from Flanders.

15:00 – 15:30 Coffee break

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

3. Sustainable transport planning and engineering (Chair: Fritz Busch)

- Mantas, A. I.:
The place of pedestrians and cyclists in Portuguese sustainable mobility plans.
- Monninger, D.:
Public transport for people with intellectual disabilities.
- 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.
- Crozet, Y.; Mercier, A.; Ovtracht, N.:
From past to future of sustainable mobility in Lyon’s urban area – scenarios and “stress tests”.
- Wulfhorst, G.; Keller, J.; Büttner, B.:
Sustainable accessibility - enabling and facilitating sustainable mobility behaviour.

4. Economic instruments and regulation (Chair: Sergio Jara-Diaz)

- Francke, A.; Kaniok, D.:
The effect of pricing structures and communication on user reactions towards road pricing.
- Dziekan, K.; Liguori, 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:
The social sustainability of transport 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
(Chair: Tim Richardson)

- 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?
- Wilke, G.; Schneider, C.:
Learning from the „Elektromobilisten“ for the diffusion of electric mobility?
- Olde Kalter, M-J.; van Beek, P.; Geurs, K.:
Towards a new Dutch mobility panel.

6. The production of mobilities: mobility policies and governance
(Chair: Ole B. Jensen)

- 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.
- Freudendal-Pedersen, M., Kesselring, S.:
Friction needed!? Contested mobilities and the role of social conflict for making sustainable cities.

11:00 – 11:30 Coffee break

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

7. The politics of mobility and transport
(Chair: Malene Freudendal-Pedersen)

- Maksim, H.:
Mobility potential and social inequality: the concretization of transportation and urban policies in Switzerland and in France.
- Hrelja, R.:
Unsustainable cities and local day-to-day transport planning.
- Richardson, T.; Jensen, A.:
Sustainable mobilities and mobile subjects.
- 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
(Chair: Claus Doll)

- Rabenstein, B.; Friedrich, M.; Wacker, M.:
Microscopic modeling of household consumption decisions to evaluate energy saving measures.
- Kraschl-Hirschmann, K.; Zallinger, M.; Fellendorf, M.:
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.
- Kickhöfer, B.; Hülsmann, F.; Gerike, R.; Zilske, M.; Nagel, K.:
Towards an evaluation of GHG mitigation policies for Munich.
- Van der Waerden, P.; Timmermanns, H.:
Do parking measures contribute to a sustainable transportation system?

13:00 – 14:00 Lunch break

14:00 – 15:00 Keynote 4

Urry, John:
Does mobility have a future?

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

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

16:30 End of conference

Sustainable mobilities: theories, concepts, methodologies			Session 1
A new mobility culture – now!			
Konrad Götz	Institute for Social-Ecological Research		Germany
Jutta Deffner	Institute for Social-Ecological Research		Germany
Virtualization of cross border labour mobility – a chance for sustainability?			
Ludger Pries	Ruhr University Bochum	Chair for Sociology/Organization, Migration, Participation	Germany
Martina Maletzky	Ruhr University Bochum	Chair for Sociology/Organization, Migration, Participation	Germany
Martin Seeliger	Ruhr University Bochum	Chair for Sociology/Organization, Migration, Participation	Germany
Operationalizing sustainable transport for scenario analysis			
Felix Creutzig	Technische Universität Berlin and Potsdam Institute of Climate Impact Research	Department Economics of Climate Change	Germany
Ottmar Edenhofer	Technische Universität Berlin and Potsdam Institute of Climate Impact Research	Department Economics of Climate Change	Germany
Rainer Mühlhoff	Technische Universität Berlin and Potsdam Institute of Climate Impact Research	Department Economics of Climate Change	Germany
How users imagine sustainable futures “after the car”			
Cordula Kropp	University of Applied Sciences Munich		Germany
Gerald Beck	LMU Munich		Germany
Urban travel and activities: time use and its values			
Sergio Jara-Diaz	University of Chile		Chile
The built environment as a key factor for sustainable mobility			Session 2
Spatial (mis)match and its travel consequences			
Veronique van Acker	Ghent University	Department of Geography	Belgium
Ben Derudder	Ghent University	Department of Geography	Belgium
Frank Witlox	Ghent University	Department of Geography	Belgium
Transport rationales as links in causal relationships between residential location and travel			
Petter Næss	Aalborg University		Denmark
The contribution of urban form in encouraging everyday walking and cycling in English cities			
Tim Jones	Oxford Brookes University	Oxford Institute for Sustainable Development, Department of Planning	UK
Emanuele Strano	University of Strathclyde	Urban Design Studies Unit, Department of Architecture	UK
Can European transit governance help to save Australian cities from failed neo-liberalism?			
John Stone	University of Melbourne	Faculty of Architecture, Building and Planning	Australia
Regional variations in travel energy consumption: some evidence from Flanders			
Kobe Boussauw	Ghent University	Geography Department	Belgium
Frank Witlox	Ghent University	Geography Department	Belgium

Sustainable transport planning and engineering			Session 3
The place of pedestrians and cyclists in Portuguese sustainable mobility plans			
Ana Isabel Mantas	University of Coimbra	Faculty of Economics	Portugal
Public transport for people with intellectual disabilities			
Daniel Monninger	Technische Universität München	Chair of Traffic Engineering and Control	Germany
New approaches to sustainable transport evidence and modeling paradigms for transforming travel behaviour			
Andrew Miles	University of Manchester		UK
Niamh Moore	University of Manchester		UK
Mike Savage	University of York		UK
Miles Tight	University of Leeds		UK
Paul Timms	University of Leeds		UK
David Watling	University of Leeds		UK
From past to future of sustainable mobility in Lyon's urban area – scenarios and “stress tests”			
Yves Crozet	University of Lyon	Laboratoire d'Economie des Transports	France
Aurélie Mercier	University of Lyon	Laboratoire d'Economie des Transports	France
Nicolas Ovtracht	University of Lyon	Laboratoire d'Economie des Transports	France
Sustainable accessibility – enabling and facilitating sustainable mobility behaviour			
Gebhard Wulfhorst	Technische Universität München	Department for Urban Structures and Transportation Planning	Germany
Johannes Keller	Technische Universität München	Department for Urban Structures and Transportation Planning	Germany
Benjamin Büttner	Technische Universität München	Department for Urban Structures and Transportation Planning	Germany
Economic instruments and regulation			Session 4
The effect of pricing structures and communication on user reactions towards road pricing			
Angela Francke	Dresden University of Technology		Germany
Denise Kaniok	Dresden University of Technology		Germany
MobiMart – a pilot test on sustainable mobility credit system in Bologna			
Katrin Dziekan	Berlin Institute of Technology	Department of Land and Sea Transport Systems Chair of Integrated Transportation Planning	Germany
Giuseppe Liguori	SRM - Reti e Mobilità SpA		Italy
Dora Ramazzotti	SRM - Reti e Mobilità SpA		Italy
Estimating time, money and location effects in the organization of leisure activities in time and space			
Gamze Dane	Eindhoven University of Technology	Urban Planning Group	The Netherlands
Theo Arentze	Eindhoven University of Technology	Urban Planning Group	The Netherlands
Harry Timmermans	Eindhoven University of Technology	Urban Planning Group	The Netherlands
Dick Ettema	Utrecht University	Faculty of Geosciences	The Netherlands
Consumer response to accumulated transport charges: results from a single attribute mixture-amount choice experiment			
Elaheh Khademi	Eindhoven University of Technology		The Netherlands
Harry Timmermans	Eindhoven University of Technology		The Netherlands
Gamze Dane	Eindhoven University of Technology		The Netherlands
Dujuan Yang	Eindhoven University of Technology		The Netherlands

Everyday mobility & travel behaviour			Session 5
Gender structures in car availability in car-deficient households			
Joachim Scheiner	Technische Universität Dortmund	Faculty of Spatial Planning, Department of Transport Planning	Germany
A relational approach to analyzing leisure travel			
Dick Ettema	Utrecht University	Department of Human Geography and Planning, Faculty of Geosciences	The Netherlands
Tim Schwanen	University of Oxford	Transport Studies Unit, School of Geography and the Environment	UK
Reurbanisation – an opportunity for public transport?			
Wilko Manz	STRATA GmbH	Institute for Urban Planning and Transport, Faculty of Civil Engineering	Germany
André Bruns	Aachen University		Germany
Learning from the „Elektromobilisten“ for the diffusion of electric mobility?			
Georg Wilke	Wuppertal Institute for Climate, Environment and Energy		Germany
Clemens Schneider	Wuppertal Institute for Climate, Environment and Energy		Germany
Towards a new Dutch mobility panel			
Marie-José Olde Kalter	Goudappel Coffeng		The Netherlands
Paul van Beek	Goudappel Coffeng		The Netherlands
Karst Geurs	University of Twente		The Netherlands
The production of mobilities: mobility policies and governance			Session 6
Insights for delivering integral, multimodal regional transport – the power of a transition and planning theory combination			
Andrew Switzer	Universiteit van Amsterdam		The Netherlands
Luca Bertolini	Universiteit van Amsterdam		The Netherlands
Reducing urban traffic volumes – is our knowledge good enough?			
Aud Tennøy	Norwegian University of Life Sciences	Department of Landscape Architecture and Spatial Planning	Norway
Barriers to sustainable mobility – transport technologies, infrastructures and land-use patterns in a dynamic perspective			
Tomas Svensson	The Swedish National Road and Transport Research Institute, VTI		Sweden
Behavioural mobility governance - an emotional approach to bicycle marketing			
Christian Henneke	SportKreativWerkstatt GmbH		Germany
Eckehard F. Moritz	SportKreativWerkstatt GmbH		Germany
Ingo P. Valtingoier	SportKreativWerkstatt GmbH		Germany
Günther Innerebner	helios		Germany
Friction needed!? Contested mobilities and the role of social conflict for making sustainable cities			
Malene Freudendal-Pedersen	Roskilde University		Denmark
Sven Kesselring	Technische Universität München	TUM Transportation Centre	Germany

The politics of mobility and transport				Session 7
Mobility potential and social inequality: The concretization of transport and urban policies in Switzerland and in France				
Hanja Maksim	LaSUR (Laboratory of Urban Sociology)			Switzerland
Unsustainable cities and local day-to-day transport planning				
Robert Hrelja	Swedish National Road and Transport Research Institute			Sweden
Sustainable mobilities and mobile subjects				
Tim Richardson	Aalborg University			Denmark
Anne Jensen	Aarhus University	National Environmental Research Institute		Denmark
A critical actor-based analysis of the e-mobility discourse in Germany				
Oliver Schwedes	Technische Universität Berlin	Chair of Integrated Transport Planning		Germany
Stefanie Kettner	Technische Universität Berlin	Chair of Integrated Transport Planning		Germany
Going green: the rise (and fall) of London's G-Wiz EV				
Ivo Wengraf	University of Liverpool	Department of Geography, School of Environmental Sciences		UK
Transport and environment				Session 8
Microscopic modeling of household consumption decisions to evaluate energy saving measures				
Benjamin Rabenstein	University of Stuttgart	Department for Transport Planning and Traffic Engineering		Germany
Markus Friedrich	University of Stuttgart	Department for Transport Planning and Traffic Engineering		Germany
Manfred Wacker	University of Stuttgart	Department for Transport Planning and Traffic Engineering		Germany
Trajectory data to estimate energy consumption of e-cars				
Karin Kraschl-Hirschmann	Graz University of Technology	Institute for Highway Engineering and Transport Planning		Austria
Michael Zallinger	Graz University of Technology	Institute for Highway Engineering and Transport Planning		Austria
Martin Fellendorf	Graz University of Technology	Institute for Internal Combustion Engine and Thermodynamics		Austria
Cooperative mobility for energy efficiency – achieving a perfect eco driver in a perfect eco-managed road-network				
Jonas Lüßmann	Technische Universität München	Chair of Traffic Engineering and Control		Germany
Tobias Schendzielorz	Technische Universität München	Chair of Traffic Engineering and Control		Germany
Towards an evaluation of GHG mitigation policies for Munich				
Benjamin Kickhöfer	Technische Universität Berlin	FG Verkehrssystemplanung und Verkehrstelematik		Germany
Friederike Hülsmann	Technische Universität München	mobil.TUM		Germany
Regine Gerike	Technische Universität München	mobil.TUM		Germany
Michael Zilske	Technische Universität Berlin	FG Verkehrssystemplanung und Verkehrstelematik		Germany
Kai Nagel	Technische Universität Berlin	FG Verkehrssystemplanung und Verkehrstelematik		Germany
Do parking measures contribute to a sustainable transportation system?				
Peter van der Waerden	Eindhoven University of Technology	Urban Planning Group		The Netherlands
Harry Timmermans	Eindhoven University of Technology	Urban Planning Group		The Netherlands

Keynotes			
The trilogy of distance, speed and time			
David Banister	University of Oxford	School of Geography and the Environment	UK
Keynote 1			
Social sustainability and urban transport: a contemporary reflection			
Margaret Grieco	Edinburgh Napier University	Department of Sociology and Psychology	UK
Keynote 2			
Sustainable transport and development: the need for a broad reform agenda			
Andreas Kopp	World Bank Washington	Transport, Water and Information and Communication Technology Department	USA
Keynote 3			
Does mobility have a future?			
John Urry	Lancaster University	Department of Sociology	UK
Keynote 4			
Plenary Session on Definitions of sustainable mobilities			
Werner Lang	Technische Universität München		Germany
Uta Maria Pfeiffer	Verbandes Deutscher Verkehrsunternehmen		Germany
Felix Rauschmayer	Helmholtz-Zentrum für Umweltforschung		Germany
Stephan Reiß-Schmidt	Referat für Stadtplanung und Bauordnung der Landeshauptstadt München		Germany
Panel Discussion: Towards sustainable mobility – ways to go			
Udo Becker	Technische Universität Dresden		Germany
Margaret Grieco	Edinburgh Napier University		UK
Ole B. Jensen	Aalborg University		Denmark
Hermann Knoflacher	Technische Universität Wien		Austria
Martin Lanzendorf	Goethe-Universität Frankfurt am Main		Germany