

MASTER

Main Academic Institutions
Conducting Research
in the
Public Transport Area

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Internationellt kunskapsutbyte får ständigt ökad betydelse för alla verksamheter. Inom Europa har behovet av enkla översikter rörande institutioner inom ett och samma ämnesområde blivit mer påtagligt sedan den Europeiska Unionen startade sina ramprogram för transportforskning.

Kartläggningen har genomförts i två steg. Först skickades en förfrågan till de institutioner, trafikföretag, branschföreningar och enskilda personer inom ämnesområdet som institutionen kände till i Europa, USA och Kanada. Där bad vi om namn på och adresser till institutioner vid högskolor och universitet som bedriver betydande forskning rörande kollektivtrafik.

I ett andra steg sammanställdes en förteckning över de 48 institutioner som blev resultatet av den första enkäten. Denna lista skickade vi till dessa institutioner med önskemål om en kortfattad redovisning av deras forskning inom kollektivtrafikområdet, och med frågan om de bedömde att någon institution saknades i förteckningen.

Ytterligare några intressanta institutioner fann vi på Internet. Den slutliga förteckningen innehåller över 60 institutioner utanför Norden. Inom Norden har vi helt gått efter vår egen adresslista över institutioner med långvarig forskning inom ämnesområdet.

Rapporten finns endast på engelska.

ABSTRACT (Aim, Method, Results)

The international exchange of knowledge is becoming increasingly important for all activities. Within Europe, the need for simple reviews of institutions within one and the same subject area has become more tangible since the European Union started its public transport research program.

The survey has been carried out in two stages. First a questionnaire was sent to those institutions, public transport authorities, public transport associations and individuals within the subject area that were known to the Department. In this questionnaire we asked for the names and addresses of institutions at colleges and universities where significant research on public transport is carried out.

In a second stage, a list was compiled of the 48 institutions that were named in the results of the first questionnaire. This list was sent to these institutions with the request for a brief presentation of their research within the public transport sector and information on any institution they felt were missing in the list.

We found further interesting institutions on the Internet. The final list contains more than 60 institutions outside the Nordic area. Within the Nordic countries we have exclusively followed our own address list of institutions with long-term research work within the subject area.

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Department of Traffic Planning and Engineering*

Preface

In 1996, the Swedish Transport and Communications Research Board (KFB) commissioned the Department of Traffic Planning and Engineering at the Lund Institute of Technology to determine which institutions at universities and colleges outside Sweden conduct research within the public transport area. KFB also wanted to obtain a review of the most successful research institutions.

Following extensive correspondence with people working in the industry, it has been possible to compile the following list. It would be possible to make the list of institutions connected with the public transport sector much longer. However, we have decided not to present comprehensive registers of all research institutions within the area which are available in a number of countries. Instead, we have asked colleagues from previous projects to specify which institutions are missing from our preliminary list.

In order to further restrict the extent of the list, only institutions that are directly connected with colleges or universities have been included. Independent research institutes are therefore not listed.

We have not managed to fulfil the request to rank the institutions in some way according to their importance within the subject area. There is no simple way of judging whether a broad range of activities is more interesting than a narrow range, or whether a high production indicates a higher quality than a low production.

The list comprises more than 60 institutions outside the nordic countries as well as the main institutions in Denmark, Finland, Norway and Sweden. It is our hope that the list will serve as a basis on which to build up an international network of contacts within the field of public transport research.

Leif Franzén of the Department of Traffic Planning and Engineering has been responsible for the compilation and information.

The Department would like to thank all those who have assisted us in providing information and making this documentation available.

Lund, September 1997

Bo E Peterson
Associate professor

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1. Background

The international exchange of knowledge is becoming increasingly important for all activities. Within the research sector, work has always been conducted across national boundaries. In the same way, there is often a lack of simple reviews of institutions within one and the same subject area.

Within Europe, the need for such reviews has become more tangible since the European Union started its public transport research programme. Many projects are carried out by groups which have started to cooperate more by accident than as a result of a major association of interests. This is not necessarily a negative development, but it does not provide the guarantee for successful research results that a conscious choice of partners would have achieved.

It was this knowledge concerning the lack of long-term relations with colleagues in other countries - the lack of an established network - that caused the Swedish Transport and Communications Research Board to initiate this project and the Department of Traffic Planning and Engineering to implement it.

2. Implementation

The survey has been carried out in two stages.

First, a questionnaire was sent to those institutions, public transport authorities, public transport associations and individuals within the subject area that were known to the Department. In this questionnaire, we asked for the names and addresses of institutions at colleges and universities where significant research on public transport is carried out.

In a second stage, a list was compiled of the 48 institutions that were named in the results of the first questionnaire. This list was sent to these institutions with the request for a brief presentation of their research within the public transport sector and information on any institutions they felt were missing from the list. 23 answered and gave proposals for a further 18 institutions. Many of the replies contained the material requested in some form or another, whereas others merely referred to their home pages on the Internet.

We found further interesting institutions on the Internet. The final list contains more than 60 institutions outside the Nordic area. Within the Nordic countries we have exclusively followed our own address list of institutions with long-term research work within the subject area.

In the description of the research area, we have with respect to the above approach only been able to include those institutions that provided material in the answer to the first or second questionnaire or which have a home page on Internet. Our description is deliberately brief. There is therefore a risk that the presentation of the research areas of each institution does not fully reflect the entire operations of the institutions in question.

3.1 Institutions and their activities - outside the Nordic area

| Country | City | Institution | Field of research (incl. Home page) |
|-----------|-----------|--|---|
| Australia | Perth | Institute for Science & Technology Policy Murdoch University | |
| Australia | Sydney | Intelligent Transportation Systems Computer Systems Engineering Group University of Technology, Sydney | Intelligent transportation systems (ITS) Advanced transportation management systems Advanced traveller information systems Advanced public transportation systems Advanced vehicle control systems http://www.ee.uts.edu.au/eoo/its/ |
| Austria | Graz | Institut für Strassen- und Verkehrswesen Technische Universität Graz (TU Graz) | Traffic planning Informatic in traffic Computer aid in traffic engineering GIS in traffic planning Affects of traffic on man and environment Financing of traffic infrastructure http://www.tu-graz.ac.at/tu-2090 |
| | Innsbruck | Institut für Eisenbahnwesen und Öffentlichen Verkehr Universität Innsbruck | Track technology http://info.uibk.ac.at/c/c8/c819/ |
| | | Institut für Strassenbau und Verkehrsplanung Leopold-Franzens-Universität Innsbruck | http://info.uibk.ac.at/c/c8/c811/ |
| | Wien | Institut für Verkehrsplanung und Verkehrstechnik Technische Universität Wien (TU) | Accessibility to public transport Energy consumption and public transport Transport policy in metropolitan areas |
| | | Institut für Verkehrssystemplanung (IVS) Technische Universität Wien (TU) | |

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|---------|----------|-----------|--|
| | | | Institut für Städteplanung Technische Universität Wien |
| | | | Institut für Verkehrswesen Technische Universität Wien |
| | | | Institut für Eisenbahnwesen Technische Universität Wien |
| Belgium | Leuven | | Research Unit for Traffic Engineering and Infrastructure Planning Katholieke Universiteit Leuven |
| | | | Public bus operation http://www.kulnet.kuleuven.ac.be/ kulnet/e_index.html |
| Canada | Montreal | | School of Urban Planning McGill University |
| | | | Financing for urban transit http://www.mcgill.ca/sup |
| | | | Transportation Engineering Department of Civil Engineering and Applied Mechanics McGill University |
| | | | Urban transportation planning Travel demand modelling Transit operations Rail engineering http://www.mcgill.ca/civil |
| | | | Centre de recherche sur les transports (CRT) Université de Montréal |
| | | | Transportation systems planning Transportation network operations Intelligent transportation systems Transportation economics and policy http://www.crt.umontreal.ca/CRT/index-english.html |
| | | Toronto | Joint Program in Transportation University of Toronto |
| | | Vancouver | School of Comm. & Regional Planning University of British Columbia |
| France | Lyon | | Laboratoire d'Économie des Transports (LET) Université Lumière Lyon 2 (MRASH) |
| | | | Urban and interurban transport Urban and regional space Transport systems pricing and financing |

| | | | |
|---------|--------------|--|--|
| Germany | Paris | Observatoire de l'Économie et des Institutions Locales (OEIL) Université de Paris XII | Transportation engineering economics |
| | Aachen | Verkehrswissenschaftliches Institut (VIA) Rheinisch-Westfälische Technische Hochschule Aachen | Scenarios influencing urban traffic Price elasticity in public transport Modal split Quantifying limits of mobility |
| | Berlin | Institut für Strassen- und Schienenverkehr Technische Universität Berlin (TU Berlin) | Urban transport policy Regional transport policy |
| | Braunschweig | Braunschweig Institut für Eisenbahnwesen und Verkehrssicherung Technische Universität Carolo-Wilhelmina zu Braunschweig | http://www.ivev.bau.tu-bs.de/ |
| | Darmstadt | Verkehrsplanung und Verkehrstechnik Technische Hochschule Darmstadt | |
| | Dresden | Fakultät für Verkehrswesen Technische Universität Dresden | |
| | | Fakultät für Verkehrswissenschaften Technische Universität Dresden | |
| | Giesen | Lehrstuhl Volkswirtschaftslehre Justus-Liebig Universität | |
| | Hamburg | Arbeitsbereich Städtebau-Stadtbaugeschichte Technische Universität Hamburg-Harburg (TUHH) | |
| | | Arbeitsbereich Stadt- und Regionalökonomie Technische Universität Hamburg-Harburg (TUHH) | |

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|----------------|--|--|
| Hannover | Institut für Verkehrswesen, Eisenbahnbau und -betrieb Universität Hannover | Rail traffic operation management Public and goods transport http://www.ti.uni-hannover.de/forber/0120.htm |
| | Institut für Verkehrswirtschaft, Strassenwesen und Städtebau (IVH) Universität Hannover | Local traffic management Tramway integration in town streets Pedestrian and cyclist safety at bus and tram stops |
| Kaiserslautern | Fachgebiet Verkehrswesen Universität Kaiserslautern | Regional rail traffic Tramway projects http://www.transport.arubi.uni-kl.de |
| Karlsruhe | Institut für Wirtschaftspolitik und Wirtschaftsforschung Universität Karlsruhe | Special aspects concerning public transport Effects of traffic management |
| | Institut für Verkehrswesen Universität Karlsruhe | Traffic flow theory and simulation Modelling of transport demand Development of survey techniques http://ifvsun3.bau-verm.uni-karlsruhe.de/ |
| Köln | Institut für Verkehrswissenschaft Universität Köln | Traffic operation |
| Mannheim | Lehrstuhl für Allgemeine Betriebswirtschaftslehre und Logistik Universität Mannheim | |
| München | Institut für Verkehrswesen Technische Universität München | |
| Münster | Institut für Verkehrswissenschaft Westfälische Wilhelms-Universität | Modal choice behaviour Efficiency in public transport |

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|-------------|---|---|
| Stuttgart | Institut für Eisenbahn- und Verkehrswesen Universität Stuttgart | Transportation economics Design and operation of public transportation facilities Environmental impacts of transportation Communication systems for passenger information |
| | Verkehrswissenschaftliche Institut Universität Stuttgart | |
| Wuppertal | Lehr- und Forschungsgebiet Öffentliche Verkehrs- und Transportsysteme Bergischen Universität | |
| Italy | Padova Instituto di Strade e Trasporti Università di Padova | |
| | Roma Istituto di Ingegneria Civile Università di Salerno | |
| Portugal | Lisboa Centro de Sistemas Urbanos e Regionais (CESUR) Instituto superior Técnico | Local transport systems Urban mobility for a sustainable environment |
| Switzerland | Lausanne Institut des Transports et de Planification École Polytechnique Fédérale de Lausanne (EPFL) | Transportation systems planning Railway systems design and operation http://dgcwww.epfl.ch/WWW/TSO/tsoE.html |
| | Zürich Institut für Verkehrsplanung, Transporttechnik, Strassen- und Eisenbahnbau (IVT) Eidgenössische Technische Hochschule (ETH) | Rural and urban planning Public transport Railroad engineering Aspects of environment http://www.ivt.baum.ethz.ch/oev.html |

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|-----------------|-----------|--|--|
| The Netherlands | Amsterdam | University of Amsterdam | |
| | Delft | Faculty of Civil Engineering Delft University of Technology | |
| United Kingdom | Rotterdam | Erasmus University Rotterdam | |
| | Leeds | Institute for Transport Studies (ITS) University of Leeds | Policy and appraisal Land use, transport and the environment Demand management Travel demand forecasting methods http://www.its.leeds.ac.uk/utsg/utsgmain.html |
| | Liverpool | Department of Transport Science School of the Built Environment John Moores University | Light rail technology |
| | London | Bartlett School University College London (UCL) | |
| | | Centre for Transport Studies University College London (UCL) | Railway technology strategy Transport policy Travel behaviour Transport planning Public transport provision |
| | | ESRC Transport Studies Unit Centre for Transport Studies University College London (UCL) | |
| | | Centre for Transport Studies Imperial College | Railway technology strategy Transport policy Travel behaviour Transport planning Public transport provision |

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|-----------------|---|--|
| | Transport Studies Group University of Westminster | Public attitudes and travel behaviour Advanced transport telematics Market research Public transport Alternative fuels Rail studies |
| Newcastle | Transport Operations Research Group University of Newcastle | Cost/benefit analysis of public transport Improving the efficiency and attractiveness of public transport Intermodal links Advanced management of public transport operations |
| Oxford | Transport Studies Unit University of Oxford | Demand forecasting for public transport Demand elasticity estimates for public transport Cost estimation for public transport Analysis of productivity performance |
| USA | Berkeley Institute of Transportation Studies University of California | |
| | Department of City Planning University of California | |
| Bloomington | Institute for Urban Transportation Indiana University | |
| Cambridge | Massachusetts Institute of Technology | Intelligent transportation systems http://web.mit.edu/cst/www/ |
| College Station | Texas Transportation Institute Texas A&M University | |
| Evanston | Northwestern University | |

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|---------------|---|--|
| Irvine | Institute of Transportation Studies University of California Transportation Center University of California | Intelligent transportation systems Travel demand forecasting Transportation/land use interactions Transportation pricing and regulation |
| New Brunswick | Department of Urban Planning Rutgers University | |
| Orono | Department of Civil and Environmental Engineering University of Maine | |
| Philadelphia | Department of Systems Engineering School of Engineering and Applied Science University of Pennsylvania | Public transport in urban areas Comparison and selection of transit modes |
| | City and Regional Planning Depts. University of Pennsylvania | |

3.2 Institutions and their activities - within the Nordic countries

| Country | City | Institution | Field of research (incl. Home page) |
|---------|---------|---|--|
| Denmark | Aalborg | Trafikforskningsgruppen Institut for Samfundsudvikling og Planlægning Aalborg Universitet | Transport infrastructure Decision making process Planning and decision theory Transport policy http://www.i4.auc.dk/trg/trg_uk.htm |
| | Lyngby | Trafikstudier, TS Institut for Planlægning Danmarks Tekniske Universitet | Socio-economic and spatial impacts of transport improvements GIS in traffic planning http://gisserver1.ivtb.dtu.dk/Traffic/ |

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|---------|-----------|--|---|
| Finland | Helsinki | Liikennelaboratorio Teknillinen korkeakoulu | Traffic flow characteristics and research methods Traffic models and forecasts Transport economics http://www.hut.fi/Units/Transportation/ |
| | Tampere | Liikenne- ja kuljetustekniikka Tampereen teknillinen korkeakoulu | Transportation, land use and the environmental impacts Transport and logistics http://www.ce.tut.fi/liku/liku_eng.html |
| Norway | Trondheim | Institutt for samferdselteknikk Norges teknisk-naturvitenskaplige universitet | Transport economics Traffic planning Traffic regulation Traffic safety Driver education http://www.samf.ntnu.no/eng/ |
| Sweden | Göteborg | Avdelning stads- och trafikplanering Institutionen för stadsbyggnad Chalmers tekniska högskola | Public transport planning Steering-process study Land-use GIS for client adaptation Personal rapid transit http://www.arch.chalmers.se/stads_o_trafik.html |
| | | Transportteknik Sektionen för teknikens ekonomi och organisation Chalmers tekniska högskola | Safety, accessibility, comfort by public transport means Improved forward planning Improved technology Energy logistics/information technology http://www.trp.chalmers.se/ |

Väg- och trafikplanering
Chalmers tekniska högskola

Traffic simulation
Traffic safety
City and traffic renewal
Walking and cycling-friendly city
Environmental management
Pricing of transport
Information systems
<http://www.chalmers.se/researchprofile/roadtraffic.html>

Kulturgeografiska institutionen
Göteborgs universitet

Travel habits
Logistics
<http://www.gu.se/utbild/kurs/kulturgeo.html>

Karlstad

Centrum för tjänsteforskning
Högskolan i Karlstad

Public passenger transportation
and service management
<http://www.hks.se/inst/ctf/index.htm>

Lund

Institutionen för trafikteknik
Lunds tekniska högskola
Lunds universitet

Traffic safety
Public transport
Traffic and land-use
Traffic and the environment
Elderly and disabled people
Capacity
<http://www ldc.lu.se/~ttsak/publtr.htm>

Institutionen för kulturgeografi
och ekonomisk geografi
Lunds universitet

Land-use
Mobility
<http://lucaat.lu.se:8080/cgi-bin/lucaat/Eorgbild.sh?012006000>

Stockholm

Avdelning trafik- och transportplanering
Institutionen för infrastruktur och
sambällsplanering
Kungliga tekniska högskolan

Efficient future train systems
Market adjusted rail traffic
Traffic simulation
<http://www.infra.kth.se/TTP/index.htm>

4.1 Institutions and their addresses - outside the Nordic area

| Country | City | Institution | Address / E-mail | Principal / E-mail |
|-----------|-----------|--|--|---|
| Australia | Perth | Institute for Science & Technology Policy Murdoch University | PERTH Western Australia 6150 | Prof. Peter Newman |
| | Sydney | Intelligent Transportation Systems Computer Systems Engineering Group University of Technology, Sydney | P.O.Box 123, Broadway NSW 2007 SYDNEY | Prof. Chris Drane cdrane@ee.uts.edu.au |
| Austria | Graz | Institut für Strassen- und Verkehrswesen Technische Universität Graz (TU Graz) | A-8010 GRAZ isv@isv.tu-graz.ac.at | Prof. Helmut Stickler |
| | Innsbruck | Institut für Eisenbahnwesen und Öffentlichen Verkehr Universität Innsbruck | Technikerstrasse 13 A-6020 INNSBRUCK guenter.prager@uibk.ac.at | Prof. Erich Kopp |
| | Wien | Institut für Strassenbau und Verkehrsplanung Leopold-Franzens-Universität Innsbruck | A-6020 INNSBRUCK | Prof. Kay W. Axhausen k.w.axhausen@uibk.ac.at |
| | Wien | Institut für Verkehrsplanung und Verkehrstechnik Technische Universität Wien (TU) | Gusshausstrasse 30 A-1040 WIEN | Prof. Hermann Knoflacher |
| | Wien | Institut für Verkehrssystemplanung (IVS) Technische Universität Wien (TU) | Gusshausstrasse 30 A-1040 WIEN | Prof. Dr. Peter Cerwenka peter.cerwenka@tuwien.ac.at |
| | Wien | Institut für Städteplanung Technische Universität Wien | Karlsplatz 13 A-1040 WIEN | Prof. Kunibert Wachten |
| | Wien | Institut für Verkehrswesen Technische Universität Wien | Peter Jordanstrasse 82 A-1190 WIEN | Prof. Gerd Sammer |
| | Wien | Institut für Eisenbahnwesen Technische Universität Wien | Karlsplatz 13 A-1040 WIEN | Prof. Edwin Engel |

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|---------|-----------|---|--|---|
| Belgium | Leuven | Research Unit for Traffic Engineering and Infrastructure Planning Katholieke Universiteit Leuven | W. de Croylaan 2 B-3001 LEUVEN | Prof. J. F. Mortelmans jef.mortelmans@ bwk.kuleuven.ac.be |
| Canada | Montreal | School of Urban Planning McGill University | 815 Sherbrooke Street West MONTREAL, QC CA-H3A 2K6 | Prof. R.G. Rice ronaldr@urbarc.lan.mcgill.ca |
| | | Transportation Engineering Department of Civil Engineering and Applied Mechanics McGill University | | Prof. R.G. Rice ronaldr@urbarc.lan.mcgill.ca |
| | | Centre de recherche sur les transports (CRT) Université de Montréal | CP6128, Succurale Centre-Ville, MONTREAL Québec, CDN-H3C 3J7 crt@crt.umontreal.ca | Prof. Teodor G. Crainic |
| | Toronto | Joint Program in Transportation University of Toronto | 42 George Street, TORONTO Ontario, CDN-M5S 2E4 | |
| | Vancouver | School of Comm. & Regional Planning University of British Columbia | VANCOUVER BC V6T 1Z2 | Prof. V. Setty Pendakur |
| France | Lyon | Laboratoire d'Économie des Transports (LET) Université Lumière Lyon 2 (MRASH) | 14, Avenue Berthelst F-69 363 LYON Cedex 07 sylvie.lemeulle@mrash.fr | Prof. Maurice Bernadet Prof. Alain Bonnafus |
| | Paris | Observatoire de l'Économie et des Institutions Locales (OEIL) Université de Paris XII | F-94 000 CRÉTEIL Cedex | Prof. Rémy Prud'homme prudhomme@univ-paris12.fr |
| Germany | Aachen | Verkehrswissenschaftliches Institut (VIA) Rheinisch-Westfälische Technische Hochschule Aachen | Templergraben 55 D-520 62 AACHEN | Prof. Dr.-Ing. Wulf Schwanhauser |

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|--------------|--|---|---|
| Berlin | Institut für Strassen- und Schienen- verkehr Technische Universität Berlin (TU Berlin) | Hardenbergstrasse 4-5 D-106 25 BERLIN | Prof. Dr. G. Wolfgang Heinze |
| Braunschweig | Institut für Eisenbahnwesen und Verkehrssicherung Technische Universität Carolo- Wilhelmina zu Braunschweig | Pockelsstrasse 4 | Prof. Dr.-Ing. Jörn Pacht j.pacht@tu-bs.de Prof. Dr.-Ing. Klaus Pierick |
| Darmstadt | Verkehrsplanung und Verkehrstechnik Technische Hochschule Darmstadt | EL-Lissitzk Strasse 1 D-610 00 DARMSTADT | Prof. Dr.-Ing. Hans-Georg Retzko |
| Dresden | Fakultät für Verkehrswesen Technische Universität Dresden | Mommsenstrasse 12 D-010 69 DRESDEN | Prof. Kurt Ackermann Prof. Siegfried Rüger |
| | Fakultät für Verkehrswissenschaften Technische Universität Dresden | Andreas-Schubert Str 23 D-010 62 DRESDEN | Prof. Horst Strobel |
| Giesen | Lehrstuhl Volkswirtschaftslehre Justus-Liebig Universität | Licher Strasse 74 D-353 94 GIESEN | Prof. Dr. Gerd Aberle |
| Hamburg | Arbeitsbereich Städtebau-Stadtbaugeschichte Technische Universität Hamburg-Harburg (TUHH) | Kasernenstrasse 10 D-210 73 HAMBURG | Prof. Dr.-Ing. Dittmar Machule |
| | Arbeitsbereich Stadt- und Regionalökonomie Technische Universität Hamburg-Harburg (TUHH) | Woellmerstrasse 1 D-210 73 HAMBURG | Prof. Dr. Dieter Läßle |
| Hannover | Institut für Verkehrswesen, Eisenbahnbau und -betrieb Universität Hannover | Appelstrasse 9A D-301 67 HANNOVER | Prof. Dr.-Ing. Rolf Kracke |
| | Institut für Verkehrswirtschaft, Strassenwesen und Städtebau (IVH) Universität Hannover | Appelstrasse 9A D-301 67 HANNOVER | Prof. Dr.-Ing. Robert Schnüll |

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|----------------|--|---|------------------------------------|
| Kaiserslautern | Fachgebiet Verkehrswesen Universität Kaiserslautern | Paul-Ehrlich-Strasse 14 D-676 63 KAISERSLAUTERN | Prof.Dr.-Ing. Hartmut H. Topp |
| Karlsruhe | Institut für Verkehrswesen Universität Karlsruhe | Postfach 6980 D-76128 KARLSRUHE ifv@ifv.bau-verm.uni- karlsruhe.de | Prof.Dr.-Ing. Dirk Zumkeller |
| | Institut für Wirtschaftspolitik und Wirtschaftsforschung Universität Karlsruhe | Kaisersstrasse 12 D-761 28 KARLSRUHE | Prof. Dr. Werner Rothengatter |
| Köln | Institut für Verkehrswissenschaft Universität Köln | Universitätsstrasse 22 D-509 37 KÖLN | Prof. Dr. Herbert Baum |
| Mannheim | Lehrstuhl für Allgemeine Betriebswirtschaftslehre und Logistik Universität Mannheim | D-681 31 MANNHEIM | Prof. Dr. Gösta B. Idhe |
| München | Institut für Verkehrswesen Technische Universität München | Arcisstrasse 21 D-803 33 MÜNCHEN | Prof. Peter Kirchhoff |
| Münster | Institut für Verkehrswissenschaft Westfälische Wilhelms-Universität | Am Stadtgraben 9 | Prof. Dr. H. Seidenfus |
| Stuttgart | Institut für Eisenbahn- und Verkehrswesen Universität Stuttgart | Postfach 801 140 D-705 11 STUTTGART euv.vwi@po.uni-stuttgart.de | Prof. Dr.-Ing. Gerhard Heimerl |
| | Verkehrswissenschaftliche Institut Universität Stuttgart | Pfaffenwaldring 7 D-706 59 STUTTGART | Prof. Dr.-Ing. Gerhard Heimerl |
| Wuppertal | Lehr- und Forschungsgebiet Öffentliche Verkehrs- und Transportsysteme Bergischen Universität | Pauluskirchstrasse 7 D-422 85 WUPPERTAL | Frau Prof. Dr. Carmen Hass-Klau |

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|--------------------|-----------|---|---|--|
| Italy | Padova | Instituto di Strade e Trasporti Università di Padova | I-351 00 PADOVA | Mr. Ascanio Pagello |
| | Roma | Instituto di Ingegneria Civile Università di Salerno | I-001 97 ROMA | Prof. Antonio Musso |
| Portugal | Lisboa | Centro de Sistemas Urbanos e Regionais (CESUR) Instituto superior Técnico | Av. Rovisco Pais 1096 LISBOA Codex da Silva | Assoc.Prof. Fernando Nunes |
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| | Delft | Faculty of Civil Engineering Delft University of Technology | Post Box 5048 NL-2600 GA DELFT | Prof. Piet Bovy Prof. P. Hakkesteegt Prof. I. A. Hansen |
| | Rotterdam | ErasmusUniversity Rotterdam | Burgemeester Oudlaan 50 W H12-11 NL-3062 PA ROTTERDAM | Drs. D. M. van de Velde |
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| | Centre for Transport Studies Imperial College | Exhibition Road LONDON SW7 2BU | Prof. Tony M. Ridley |
| | Transport Studies Group University of Westminster | 35 Marylebone Road LONDON NW1 5LS tsg@westminster.ac.uk | Prof. Peter Jones Prof. Peter White |
| Newcastle | Transport Operations Research Group University of Newcastle | Claremont Tower NEWCASTLE UPON TYNE, NE1 7RU | Prof. Peter J. Hills |
| Oxford | Transport Studies Unit University of Oxford | 11 Bevington Road OXFORD OX2 6NB | Prof. Gordon L. Clark Dr. John Preston |
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| | Department of City Planning University of California | Wurster Hall BERKELEY, CA 94 720 | Prof. Rupbert Cervero |
| Bloomington | Institute for Urban Transportation Indiana University | 825 E. Eight Street BLOOMINGTON IN 47 408-2891 | Prof. Georg M. Smerk |

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| Cambridge | Massachusetts Institute of Technology | 77 Massachusetts Ave. CAMBRIDGE MA 02 139 | Prof. Ralph Gakenheimer Prof. Nigel H. M. Wilson |
| College Station | Texas Transportation Institute Texas A&M University | COLLE GE STATION Texas 77843-3135 | |
| Evanston | Northwestern University | P. O. Box 1409 EVANSTON IL 60 204 | Dir. Robert K. Seyfried |
| Irvine | Institute of Transportation Studies University of California Transportation Center University of California | IRVINE CA 92 697-5100 | Prof. Kenneth A. Small ksmall@uci.edu |
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| | City and Regional Planning Depts. University of Pennsylvania | PHILADELPHIA PA 19 104-6315 | Prof. Anthony R. Tomazinis |

4.2 Institutions and their addresses - within the Nordic countries

| Country | City | Institution | Address / E-mail | Principal / E-mail |
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| Denmark | Aalborg | Trafikforskningsgruppen Institut for Samfundsudvikling og Planlægning Aalborg Universitet | Fibigerstræde 11, DK-9220 Aalborg Øst kaad@i4.auc.dk | Prof. Bent Flyvbjerg, staff flyvbjerg@i4.auc.dk |
| | Lyngby | Trafikstudier, TS Institut for Planlægning Danmarks Tekniske Universitet | DK-2800 Lyngby | Prof. N.O.Jørgensen |
| Finland | Helsinki | Liikennelaboratorio Teknillinen korkeakoulu | PL 2100 FIN-02015 TKK | Acting Prof. Matti Pursula matti.pursula@hut.fi |
| | Tampere | Liikenne- ja kuljetustekniikka Tampereen teknillinen korkeakoulu | PL 541 FIN-33101 TAMPERE | Prof. Jorma Mäntynen jorma.mantynen@cc.tut.fi |
| Norwa | Trondheim | Institutt for samferdselteknikk Norges teknisk-naturvitenskaplige universitet | Klæbuveien 153 N-7034 TRONDHEIM | Prof. Stein Johannessen stein.johannessen@bygg.ntnu.no |
| Sweden | Göteborg | Avdelning stads- och trafikplanering Institutionen för stadsbyggnad Chalmers tekniska högskola | S-412 96 GÖTEBORG mariwa@arch.chalmers.se | Prof. Hans Bjur |
| | | Transportteknik Sektionen för teknikens ekonomi och organisation Chalmers tekniska högskola | S-412 96 GÖTEBORG transport@mot.chalmers.se | Prof. Lars Sjöstedt lsj@mot.chalmers.se |
| | | Väg- och trafikplanering Chalmers tekniska högskola | S-412 96 GÖTEBORG | |
| | | Kulturgeografiska institutionen Göteborgs universitet | Vasagatan 1, Hus B, plan 5 S-411 80 GÖTEBORG | Prof. Lars Nordström lars.nordstrom@geography.gu.se |

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| Karlstad | Centrum för tjänsteforskning Högskolan i Karlstad | S-651 88 KARLSTAD | Prof. Bo Edwardsson Assist. Prof. Lars Haglund lars.haglund@hks.se |
| Lund | Institutionen för trafikteknik Lunds tekniska högskola Lunds universitet | Box 118 S-221 00 LUND tft@tft.lth.se | Prof. Bengt Holmberg bengt.holmberg@tft.lth.se Prof. Christer Hydén Assoc.Prof. Bo E. Peterson tft@tft.lth.se |
| | Institutionen för kulturgeografi och ekonomisk geografi Lunds universitet | Sölvegatan 13 S-223 62 LUND | Prof. Gunnar Törnqvist gunnar.tornqvist@ kulekgeo.lu.se Prof. Olof Wärneryd olof.warneryd@kulekgeo.lu.se |
| Stockholm | Avdelning trafik- och transportplanering Institutionen för infrastruktur och samhällsplanering Kungliga tekniska högskolan | S-100 44 STOCKHOLM | Prof. Karl L. Bång Assoc. Prof. Bo-Lennart Nelldal |