



C-MUS BUSINESS REPORT SEPTEMBER 2012

Centre for Mobilities and Urban Studies

C-MUS Business report September 2012
Centre for Mobilities and Urban Studies

Department of Architecture, Design and
Media Technology

Aalborg University

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AALBORG UNIVERSITY

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Introduction

This business report gives an insight into the research centre C-MUS which opened in 2008, and into the field of work and the activities, that sets the scene of the research centre.

Data provided in this report is as of September 2012. As this is the first C-MUS business report, it does not solely provide results from the year 2012, but also sum up on completed publications and on activities hosted in 2011.

Much of the material in this present report is also to be found on the webpage for C-MUS: c-mus.aau.dk

All additional material is provided from VBN.



Fig. 1 - Mobilities in New York

RATIONALE

C-MUS

The Centre for Mobilities and Urban Studies (C-MUS) at Aalborg University is a trans-disciplinary research collaboration between mobility researchers from the Humanities Faculty, Social Science Faculty and the Engineering and Science Faculty at Aalborg University.

The centre aims to contribute to mobility research at the highest international level. C-MUS contributes to the development of theories, concepts and analytical frameworks of mobility studies as well as working with empirical studies embracing disciplinary approaches from urban studies, ethnography, geography, sociology, consumer studies, media studies, discourse studies, urban design, urban planning and management, city politics, urban traffic planning and engineering, and tourism studies.

Mobilities

The concept of 'mobilities' focuses on the complex intersections between diverse forms of physical travel of people; physical movement of matter and objects; virtual travel on the Internet; digital movement of images, messages and information; and communicative travel via text messages, telephones, emails, etc. Mobilities are partly seen as constitutive for the structures that frame social life in society, and it is within these mobilities that cultural patterns, actions, and identities are produced and reproduced. But, at the same time, social structures of different kinds (e.g. economic, political and spatial) are seen as constitutive for the ways in which mobilities develop. The aim of C-MUS is therefore to investigate the social and cultural bases for mobilities, not only focusing on the actual mobility in itself, but also on the potential mobility (motility), and to explore how potential mobility is transformed into different mobilities.



Fig. 2 Urban fabric in São Paulo

Urban Studies

In particular the research undertaken within C-MUS aims at exploring policies and planning approaches to contemporary mobility in urban areas and regions. Furthermore, C-MUS aims at understanding the implications of transformations in mobility patterns for the everyday life of citizens across the world, with particular emphasis on understanding the way infrastructures work together (or against) physical mobility, with repercussions for cultural consumption, social interaction, environmental sustainability and aesthetic quality. In other words, what makes the research done within C-MUS innovative and trans-disciplinary is its ambition to analyse the production (e.g. design, planning and management) and consumption (e.g. use, reworking and resistance) of mobilities within a unified framework.

Trans-disciplinary collaboration

C-MUS seeks trans-disciplinary collaboration between its members and beyond, and works actively to provide external national and international funding for mobility research projects.

MEMBERS AND ASSOCIATES OF C-MUS

C-MUS hosts a number of internationally well established mobility researchers as well as younger researchers in a creative and open research environment aiming at making a significant international research contribution.

Director

Associate Professor Claus Lassen (Department of Development and Planning)

Deputy Director

Professor Antje Gimmler (Department of Learning and Philosophy)

Board

Professor Ole B. Jensen (Department of Architecture, Design & Media Technology)

Professor Paul McIlvenny (Department of Language and Culture)

Associate Professor Peter Allingham (Department of Communication)

Associate Professor Carsten Jahn Hansen (Department of Development and Planning)

Associate Professor Henrik Harder (Department of Architecture, Design & Media Technology)

Associate Professor Lea Louise Holst Laursen (Department of Architecture, Design & Media Technology)

Additional AAU members

Professors: 3

Associate Professors: 16

Assistant Professors: 8

Postdoc: 1

PhD. fellows: 19

Research Assistants: 10

Student Assistants: 1



Associates

Niels Albertsen, Aarhus School of Architecture, Denmark

Rachel Aldred, University of East London, UK

Anne Bach, Midttrafik, Aarhus, Denmark

Malene Freudendal-Pedersen, Dept. of Environmental, Social and Spatial Change, Roskilde University, Denmark

Laura Golbuff, University of East London, UK

Nina Gram, Section for Aesthetics and Culture, Aarhus University, Denmark

Hanne Louise Jensen, The Department of Environmental, Social and Spatial Change, Roskilde University, Denmark

Mette Jensen, DMU, Aarhus University, Denmark

Kristian Møller Jørgensen, BendixKiel, Copenhagen, Denmark

Thomas Klinger, Institut für Humangeographie, Goethe-Universität Frankfurt/Main, Germany

Gunvor R. Larsen, University of Central Lancashire, UK

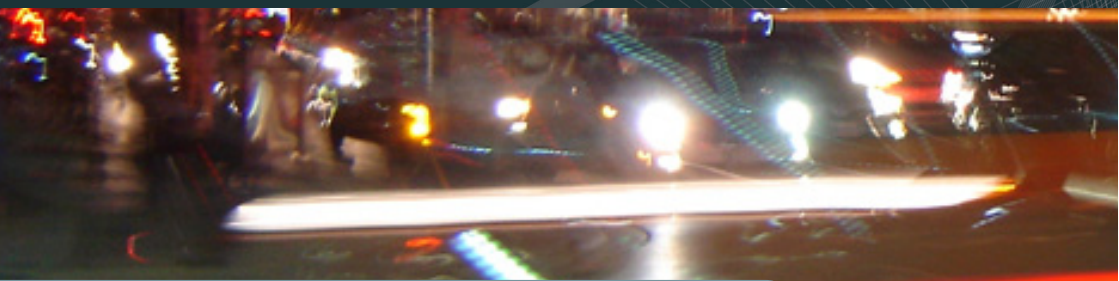
Palloma Menezes, VU University Amsterdam, The Netherlands

Peter Merriman, Inst. of Geography and Earth Sciences, Aberystwyth University, Wales, UK

Bue Nielsen, Landsplanområdet, By- og Landskabsstyrelsen, Denmark

Helene Oldrup, SFI (The Danish National Centre for Social Research), Denmark

Jette J. E. Steensen, Videncenter for Globalisering og Regionalisering, VIA University College, Denmark



UNDERLYING BASIS, FOCUS & OUTPUT OF C-MUS

Basis

C-MUS research is particularly based on the following questions:

- How are different types of mobilities produced and consumed?
- How do different types of potential mobility transform into actual mobility?
- What types of stratification are related to the production and consumption of mobilities?
- How do people, organisations and societies approach the demand for mobilities?
- What ideas and rationalities of mobilities can be identified?
- What are the sociotechnical dimensions of mobilities?
- What are the driving forces beyond the diverse productions and consumptions of mobilities?
- How do mobility policies relate to mobility practices in everyday life?
- How can mobility futures be explored?

Focus

C-MUS research is particularly focused on the following areas:

- The politics and sociology of mobility
- Everyday life and mobility cultures
- Discourses of mobility and motility
- Public domains and transit spaces
- Technology and urban mobility
- Aeromobility and air spaces
- International business travel and tourism
- Mobility regimes
- Sustainable mobility
- Changing (im)mobilities in a post-hydrocarbon world
- Power, interests and mobility
- Infrastructure and car cultures
- Mobility visions and futures
- Urban development and mobility

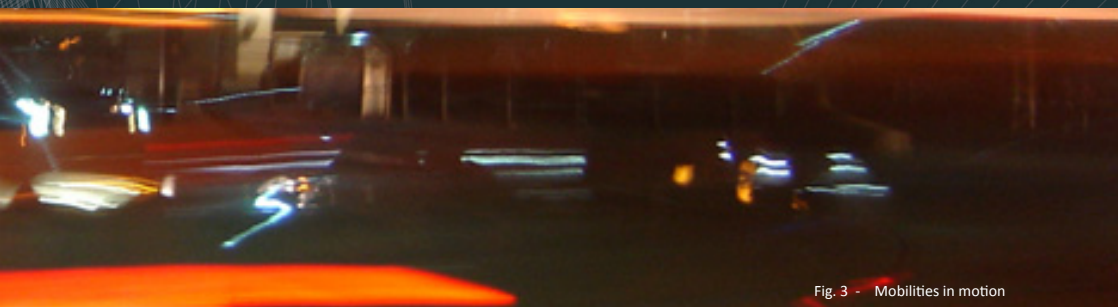


Fig. 3 - Mobilities in motion

changes: social structural conditions, power relationships, knowledge bases and decision-making processes

- Economic growth, environmental sustainability and ecological modernization: the case of mobility
- The influences of urban spatial structures on mobility
- Megaproject policy and planning
- Bias in large-scale transport infrastructure planning – causes and cures
- The role of transport modelling tools and cost-benefit analyses in transport infrastructure planning

Output

C-MUS works to create opportunities to discuss and exchange mobility research results at colloquia, research seminars, workshops, and conferences.



ONGOING RESEARCH PROJECTS

Connected to C-MUS a series of research projects are being unfolded at Aalborg University.

The projects generate within different themes knowledge on mobilities and the impact on society, economy etc.

The projects impart knowledge to the university as well as they generate a healthy economy, supporting the centres reason for being.

On the following pages seven present research projects are being briefly outlined, showing the span of research within mobilities and urban studies at AAU.

Staging Mobilities/Designing Mobilities

- Ole B. Jensen, Professor, Department of Architecture, Design and Media Technology, AAU

The project expresses a long term effort to articulate a more materially sensitive mobilities theory in order to explore the physical design and sites of mobilities. In the book 'Staging Mobilities' the theoretical framing of 'situational mobilities' is presented. In the accompanying volume 'Designing Mobilities' cases of mobilities design are analyzed utilizing the theoretical framework. The project put focus on everyday life situational mobilities and the material design of infrastructures, spaces, and sites hosting these complex practices.

Double Mobility

- Antje Gimmmler, Professor at Department of Learning and Philosophy, AAU

Travelling today comprises of swift and affordable transport with technologies such as aeroplanes, high-speed trains and city underground systems. Integrated into these systems is an almost seamless web of communication – an intertwinement of code and space (Kitchin/Dodge 2011). Wireless systems



Fig. 4 - Mobilities on different levels, London

combine the mobility of the moving person with the flow of information: virtual mobility to overcome the spatial distance between communication partners is combined with the spatial mobility of transport technologies: double mobility so to speak. Thus Wi-Fi technology as well as other software and code based ICTs become an integrated part of travel, of transport systems and the urban infrastructure. The research project investigates with three main perspectives and research questions into this double mobility.

Pragmatism and mobilities

- Antje Gimmler, Professor at Department of Learning and Philosophy, AAU

The project will investigate into the contribution of pragmatism to mobilities research and to architecture on two levels:

Firstly, pragmatic philosophy of science might be a valuable and viable alternative to other current approaches (such as critical realism). From a pragmatist point of view theoretical knowledge and practices (scientific or everyday life practices) are deeply intertwined and theory is rather a tool for enhancing practices than a goal in itself. Relational

geography might be an interesting outcome of the pragmatic instrumentalization of concepts and theories.

Secondly, pragmatism combines in its understanding of social relations the material world (architecture, technologies, nature) with social interaction. Though, at present, a comprehensive pragmatic theory that covers the field of mobility studies is not available, different pragmatic thinkers offer fruitful perspectives on central issues of mobility studies, such as situated sociality and interaction with environment/space/place. The project aims at a comprehensive approach to the understanding of materiality and sociality and culture.

Place and mobility

- Lea Holst Laursen, associate professor at Department of Architecture, Design & Media Technology, AAU

- Claus Lassen, associate professor at Department of Planning, AAU

Contemporary places is influenced by increasing mobility where individuals more and more move between places; creating a relational place understanding. At the same time, there is an increasing competition between cities and localities which have given place-



branding and place-identity renewed importance.

The research project looks into the notion of place and mobility; investigating the connection between place and mobility and how place is influenced by mobility and vice versa. The research project deals with the issues of place and mobility in a broad range of urban situations - from the airport as mobility hub to the challenges that smaller Danish communities are experiencing.

The research project aims at both understanding the issues of mobility and places as well as trying to design new interventions in relation to how to cope spatially with place and mobility.

Making Sense of Urban Space

- *Peter Allingham, Associate Professor, Department of Communication and Psychology, Aalborg University Copenhagen AAU*

The advent of experience economy has made urban space an increasingly important parameter of strategic communication. From a communicational perspective this development has made it necessary to find methods of analysis and understanding that include space, place, and three-dimensional objects in

communication analysis systematically. The object of this research project is to develop methods of analysis especially aimed at the aesthetics of spatial communication by the application of cognitive and semiotic models.

Analysis of activity-based travel chains and sustainable mobility - Work Package 1

- *Project Manager Kristian Hegner Reinau, Assistant Professor, Department of Development and Planning, AAU.*

- *Approving Authority Henrik Harder, Associate Professor, Department of Architecture Design and Media technology, AAU.*

The objective of this WP is to investigate a more efficient and accurate data collection method. A dataset from 200 respondents will be sampled from the Greater Copenhagen area. By using personal carry-on GPS data loggers in a combination with a web-based survey, a new unique data source is provided. The collected data will be analyzed and validated using the existing TU (Danish Travel Survey) data as a reference point. A hypothesis is that data from TU may underestimate people's travel and bias travel time estimates. For example,



Fig. 5 - Underground station in London

the personal GPS tracking data will be coupled with GIS data and a qualitative investigation will enlighten about how respondents perceive the time spent on a journey and how this fits with the actual time used (GPS data). The use of GPS technology will further reveal people's in-home and out-of-home activities in order to analyse their trade-off. From an international perspective, two elements are relevant to this WP: (i) the cooperation with Noam Shoval who is an expert in the field of GPS mobility tracking, and (ii) the integration within the EU COST Action TU0804 (TUD) Survey Harmonization with New Technologies Improvement (SHANTI).

Analysis of activity-based travel chains and sustainable mobility - Work Package 2

- Simon Wind, PhD Fellow at Department of Architecture, Design & Media Technology, AAU

- Ole B. Jensen, Professor at Department of Architecture, Design & Media Technology, AAU

- Claus Lassen, Associate Professor at Department of Development and Planning, AAU

The aim of the research project is to

address the qualitative dimensions of urban mobility. The basic hypothesis is that mobility is more than a physical phenomenon and has important repercussions on people's everyday life, social networks, understanding of places and ultimately of themselves and others. This project aims to focus on the household unit. The underlying hypothesis being that actual activities in a household perspective will provide a more accurate knowledge base for understanding everyday life mobility.

In this particular project qualitative interviews will be performed to provide in-depth understanding of daily activities and travel patterns. By exploring the way people organise their choice of transport mode and route in relation to work, family and social obligations, the WP will investigate strategies and rationales behind the organisation of everyday life mobility. The WP will apply urban ethnographic methodologies and relate qualitative interviews to create the opportunity to check often overlooked assumptions in quantitative modelling. The project is nested in the Strategic Research Alliance of the AC-TUM project which is hosted by DTU, Denmark.



ONGOING PH.D. PROJECTS

Connected to C-MUS a number of PhD projects are being unfolded at Aalborg University.

The projects generate as above-mentioned research projects within different themes knowledge on mobilities and the impact on society, economy etc.

At this moment 18 such PhD projects are being performed. On the following pages 10 of these projects are briefly being outlined.

Mobility in rural outskirts of Denmark

- *Maria Vestergaard, PhD Fellow at Department of Planning and Center for Mobility and Urban Studies.*

Mobility studies often focuses on mobilities in cities or other urban contexts and only very few mobility studies are made outside the cities. This argument combined with the challenges that often is present in rural outskirts areas (depopulation, lack of economic growth etc.) is what initiated this PhD project. This study investigates the challenges and potentials for mobilities in rural outskirts areas with focus on both the local and global scale as well as the different mobility modes.

Light rail in the mobility system

- *Mette Nielsen, Business PhD student at COWI and at Department of Development and Planning AAU and COWI A/S.*

The 'mobility approach' is used to explore light rails as a part of the mobility system and not as an independent technology. Hereby the social and cultural embedment of light rails in the city becomes essential and the theoretical and methodological approach involves looking at the mobility system as a whole:



Fig. 6 – Stenbjerg in Nationalpark Thy

context, history, policies, culture, implementation, impacts etc.

Making Daily Mobility Work

- *Simon Wind, PhD Fellow at Department of Architecture, Design & Media Technology, Aalborg University.*

Daily mobility has important repercussions on everyday life, social networks, understanding of places and ourselves. This PhD study address the qualitative dimensions of urban mobility in Copenhagen. Through qualitative in-depth interviews and GPS tracking of families with children, the study focuses on investigating how households are coping with daily mobility and what rationales lies behind the mobility choices of everyday life.

Mapping everyday geographies of the suburb

- *Anne-Marie Sanvig Knudsen, PhD fellow, Dept. of Architecture and Media technology.*

The research project investigates the suburban from a relational and dynamic understanding of place. Methodologically the project works with mobile methods as a research strategy. By employing GPS-tracking and walk-along in-

terviews as a methodology, the suburban is investigated in motion, based on residents' situated everyday practices. By building on the empirical results, the research projects aims at qualifying future urban regeneration project, based on how the suburb is practiced from a mobility perspective.

Systematic biases in transport project evaluation

- *Morten Skou Nicolaisen, PhD Fellow, Urban Planning & Mobility Research Group, Department of Planning, Aalborg University.*

Impact assessment for transport projects require detailed forecasting of how travel demand is likely to be impacted by the proposed policy initiatives. The purpose of the present study is to compare expected development with actual outcomes to gauge how good forecasts are at informing policy makers of the impacts of their decisions. Furthermore, responses from stakeholders are used to assess if and how the many uncertainties in forecasts are managed through the decision making process.



ONGOING PH.D. PROJECTS

Mobility designs for the functionalist city - a case study of a mobility node in Aalborg Øst, DK

- *Ditte Bendix Lanng, Ph.D. fellow at the research project "Aalborg Øst – en forstad i forandring", Department of Architecture & Media Technology.*

With point of departure in the emergent body of literature of the mobilities turn, this Ph.D. project explores how a mobile and relational approach provides insight into a fresh vocabulary for redesign of urban spaces of mobility in the functionalistic city – the parking lot, the underpass for pedestrians and bicyclists, the dual-carriageway, the path to the bus stop. The study analyses a selected site – a typological traffic junction in the functionalist urban district of Aalborg Øst, Denmark, where segregated mobility systems meet in a critical node for urban life.

Mobility Management in smaller towns

- *Cathrine Borg, Ph.D. fellow at Department of Development and Planning and Center for Mobility and Urban Studies.*

Cathrine is working with different mobility scenarios in everyday life in smaller towns. The project sets out to

investigate and uncover the social life and travel patterns in smaller towns in Region of Southern Denmark and Triangel Region Denmark in order to develop a set of means for a mobility strategy in this context by emphasizing the concept of mobility management.

Konstruktioner & Aktiviteter. En RFID undersøgelse af sociale aktiviteter i danske kulturhuse

- *Valinka Suenson, Ph.D Fellow at Department of Development and Planning AAU*

The thesis examines RFID technology as a method for registering the social activities going on in indoor public spaces. Based on the RFID registrations, two maps are produced. The maps present two different movement patterns that show where the social activities are emerging. By presenting two different maps based on the same set of data, it illustrates how data is a dynamic entity that can take shape in various forms. The thesis is based on the Actor-Network Theory presented by Bruno Latour.



Fig. 7 Traffic junction at Humlebakken, Astrupstien, Aalborg Øst

Automobility at the intersection of discourse and governmentality

– *Laura Bang Lindegaard, PhD fellow at Department of Culture and Global Studies, Aalborg University.*

The project investigates the discursive accomplishment of rationalities that co-constitute car-dependent mobility. Accordingly, the project approaches automobility as a dispersed problem of governing. Drawing on Latour's concepts of the molar and molecular, the project demonstrates how governmental rationalities are accomplished at the most molecular level, and as such it contributes to a field otherwise dominated by studies focusing at more molar aspects of the resource demanding process of governing automobility.

ture/spaces; observations of behavior as well as focus group interviews. The goal is to produce new knowledge and guidelines, especially for graphic designers, road engineers, and information designers.

Road Signs: Geosemiotic and Human Mobility

– *Salmiah Abdul Hamid, PhD Fellow at Department of Architecture, Design & Media Technology, Aalborg University.*

The key motivation in developing the project is to understand the role and relationship between road signs and daily life mobility practice. The main methods are mapping of the urban context including registration of urban architec-



ACTIVITIES ASSOCIATED TO C-MUS

C-MUS Younger Research Network

As a subgroup to C-MUS a cross disciplinary Younger Research Network (YRN) have been organized. Members in the network are Ph.D.'s, Assistant Professors and Post Docs from different departments at Aalborg University. Once a month (every third Monday), one of the members gives a presentation in the network, which is followed by a meeting.

The purpose of C-MUS Younger Research Network is:

- To facilitate an informal network for younger researchers within the mobility field
- To create a platform for younger researchers for discussion of on-going research, events, ideas, reflections etc.
- To unfold / integrate research into events that are aimed at practice, education and academia

Present members in the network:

Anne-Marie Sanvig Knudsen, Department of Architecture and Media Technology

Cathrine Borg, Department of Planning

Daniel Galland, Department of Planning

Ditte Bendix Lanng, Department of Architecture and Media Technology

Esben Skouboe Poulsen, Department of Architecture and Media Technology

Kristian Hegner Reinau, Department of Planning

Laura Bang Lindegaard, Department of Culture and Global Studies

Maria Quvang Lund Vestergaard, Department of Planning

Mette Nielsen, Department of Planning

Simon Wind, Department of Architecture and Media Technology

Salmiah Abdul Hamid, Department of Architecture and Media Technology

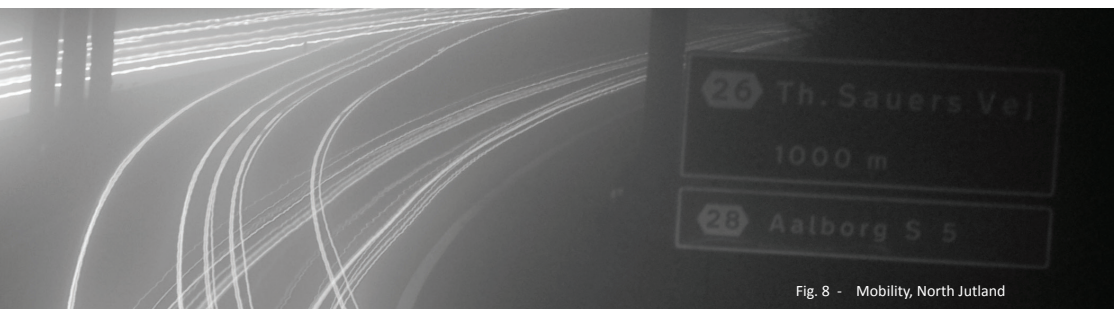


Fig. 8 - Mobility, North Jutland

Mobility Challenge North Jutland

In the period 2010-2011 the think tank MUN (MobilitetsUdfordring Nordjylland) has been run, focusing on a broad cross-disciplinary approach to mobilities implicating as well physical, virtual and experienced mobility.

The think tank is Denmark's first of its kind and has members in government departments, private industry, citizens in the region and Aalborg University.

Related to MUN several research projects has been conducted, dealing with the issues of the outskirts of Denmark, e.g. the projects 'Klokkerholm', 'Mobilitet i Udkantsdanmark – Thy Nationalpark' and 'Mobilitets Management i mindre byer'.

During Winter 2012/2013 a second version of Mobility Challenge North Jutland: MUN 2.0 will be take off.

Ministerial meeting

On January 30th MUN was the host for a meeting with the Minister for Housing, Urban and Rural Affairs, Carsten Hansen. The official press announcement (in danish) can be found on the C-MUS web page under Mobility Challenge North Jutland .

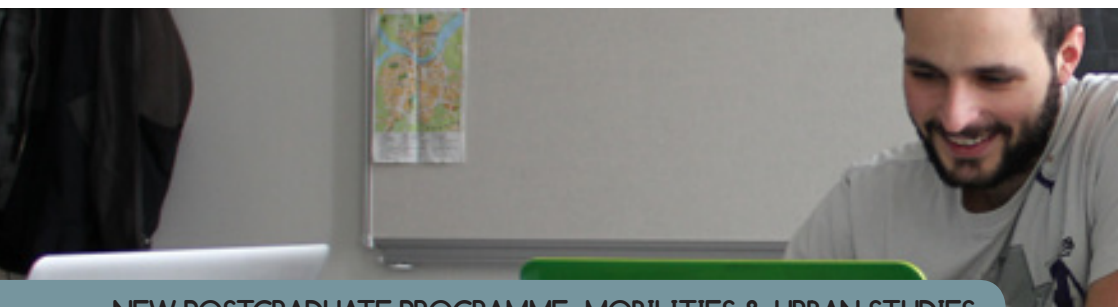
Brown Bag Seminars

C-MUS Brown Bag seminars offer opportunities to spend the lunch hour in company with various researchers presenting new ideas in Urban and Mobilities research. The seminars are open to everyone with interest in Mobilities and Urban studies. C-MUS provides sandwiches for the attendees.

So far 20 seminars have been conducted during spring 2009 - summer 2012.

C-MUS movies

Once in a while C-MUS invites to an evening show with with shorter documentaries or movies concerning Mobilities and Urban Studies. C-MUS provides a light dinner, snacks and drinks. The movie responsible will select the movie/documentary and give a short introduction.



NEW POSTGRADUATE PROGRAMME: MOBILITIES & URBAN STUDIES

In September 2014 a new Postgraduate programme; Mobilities & Urban Studies takes off.

The postgraduate programme has its research basis in the Centre for Mobilities & Urban Studies (C-MUS) at Aalborg University. This basis ensures the graduates that their teachers are abreast of state of the art research and that international guest lecturers of the highest quality are available.

The postgraduate programme is a 2-year, research-based, full-time study programme. The programme is set to 120 ECTS credits.

The programme aims at educating students for a new, cross-disciplinary profession that can contribute to handling the growing challenges facing society, businesses and individuals in relation to the development within mobilities. Specifically, this new profession aims at integrating the diverse challenges that are related to an increasing physical mobility (traffic and transportation by car, plane and train alike), increased use of virtual mobility (mobile phones and smart transport systems), increasing

social mobility (tourism and migration) and the wish for more environmentally friendly and sustainable modes of transportation.

The aim of the programme is, thus, to train graduates who are able to contribute to handling the challenges that are related to the various forms of mobilities and to integrate these forms of mobilities at the highest international level. Thus, graduates of the programme must be able to integrate and work out new technological, environmental, urban planning related, economical, organisational, political and social solutions, designs and strategies in the field of mobilities.

The programme is structured in modules and organized as problem-based learning (PBL). A module is a programme element or a group of programme elements, which aims to give students a set of professional skills within a fixed time frame specified in ECTS credits, and concluding with one or more examinations within specific exam periods that are defined in the curriculum.

The programme is based on a combina-



Fig. 9 - Problembased learning at Aalborg University

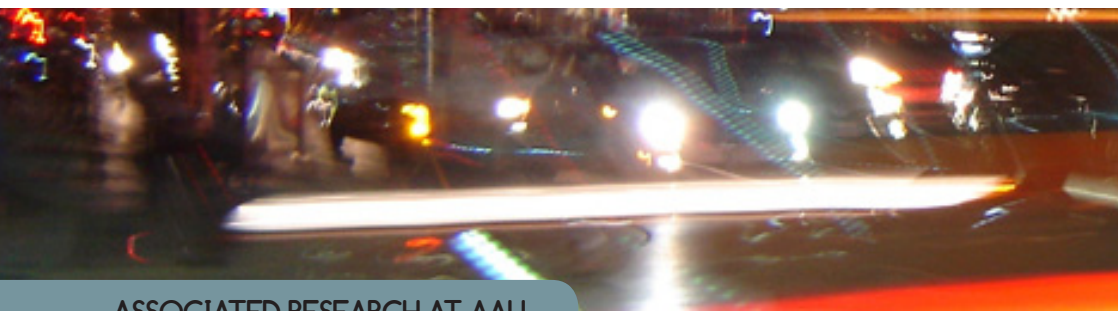
tion of academic, problem-based learning (PBL) and interdisciplinary approaches and organized based on the following work and evaluation methods that combine skills and reflection:

- project work
- lectures
- classroom instructions
- study groups
- workshop
- exercises
- mapping
- portfolio work
- independent study
- field study

The students are given options in the project modules as they can select among different projects within the same general theme. Moreover, the Postgraduate Thesis on the 4th semester can be selected freely within the field of Mobilities and Urban Studies. The students have the choice of making a Long Postgraduate Thesis comprising both 3rd and 4th semester.

| Semester | Module | |
|----------|---|---|
| 1st | Analysing Contemporary Mobilities | |
| | Mobile Methods | |
| | The Mobilities Turn | |
| | Mobility Technologies and Infrastructures | |
| | Applied Philosophy of Science | |
| 2nd | Mobilities: Place and Culture | |
| | Mobilities: Policies and Management | |
| | Mobilities: Place Management and Branding | |
| | Mobile Culture and Communication | |
| | Mobilities and Tracking Technologies | |
| 3rd | A | Sustainable Mobilities |
| | | Academic Paper Writing |
| | | Dynamic Visualization of Mobile Tracking Data |
| | | Sustainable Mobility Infrastructures and Technology |
| | B | Traineeship |
| | C | Study at Another University |
| | D | Long Postgraduate Thesis |
| 4th | Postgraduate Thesis | |

For more information: mobilities.aau.dk



ASSOCIATED RESEARCH AT AAU

MoTT Research Cluster for Mobility and Tracking Technologies

At the Department of Architecture, Design and Media Technology and in association with the Centre for Mobility and Urban Studies (C-MUS), Aalborg University the interdisciplinary Research Cluster for Mobility and Tracking Technologies (MoTT) works to explore the technical and social perspectives of new tracking and location based technologies. MoTT aims therefore to design, implement and test tracking technologies in the context of contemporary mobility. The cluster works across fields such as urban geography, urban design, mobility studies, city planning, computer vision, social signal processing, and data visualization etc. It explores technologies such as GPS, RFID, Bluetooth, etc.

The research cluster's work covers five general themes:

- I. Tracking and Location Based Technologies – exploring new hardware and software for understanding mobility
- II. Mobile Methods – innovation, reflection and development of new tracking and location based methods
- III. Representing location-based data – exploring theoretical and methodological implications of processing, visualizing and representing location based data
- IV. Theorizing the meaning of Tracking and Location Based Technologies to Mobility in the Network Society
- V. Ethics, Surveillance and New Tracking Technologies

The work span the exploration and application of new technologies, methodological innovations related to these, as well as the development of theories and explanatory models to enhance the understanding of these technologies and their societal importance and impact.



Fig. 10 - Mobilities in motion

Task Force Member and Director

Ole B. Jensen, Professor

Task Force Member

Henrik Harder, Associate Professor

Task Force Member

Hans Jørgen Andersen, Associate Professor

Task Force Member

Thomas B. Moeslund, Associate Professor

Additional members of MoTT

Thomas Bjørner, Associate Professor

Matthias Rehm, Associate Professor

Preben Fihl, Assistant Professor

Ann Morrison, Assistant Professor

Kristian Hegner Reinau, Assistant Professor (Dept. 20 and 7)

Anne-Marie Sanvig Knudsen, PhD Fellow

Ditte Benndix Lang, PhD Fellow

Esben Skouboe Poulsen, PhD Fellow

Valinka Suenson, PhD Fellow

Simon Wind, PhD Fellow

Mads Brath, research assistant

Cecilie Breinholt Christensen, Scientific Assistant

Søren Eskildsen, research assistant

Isak Worre Foged, research assistant

Rikke Gade, Research assistant

Anders Sorgenfri Jensen, Research assistant

Anders Jørgensen, Research assistant

Niels Thuesen, Research assistant

Tobias Thyrrestrup, Research Assistant

Tino Kastbjerg Stigsen, student assistant

PUBLICATIONS

Under the auspices of C-MUS a large amount of different research results and other written work have been published. From the centre opened in 2008 more than 200 publications have been released, as seen in the scene below.

The data is provided from VBN and refers to the categories Research (R), Communication (C) and Commissioned (CS). Under these three categories publication are divided into the following publication types: Journal article, Conference article in Journal, Editorial, Book, Anthology, Report, Ph.d. thesis, Book chapter, Report chapter, Article in proceeding, Conference abstract in proceeding, Encyclopedia chapter, Preface/postscript, Conference abstract for

conference, Paper without publisher/journal, Working paper, Internet publication, Sound/Visual production (digital), Literature review and Feature article.

On the following pages the present 48 2012-publications are listed.

| Publication type | 2008 | 2009 | 2010 | 2011 | 2012 | Total |
|--|-----------|-----------|-----------|-----------|-----------|------------|
| (R) Journal article | 4 | 22 | 12 | 21 | 13 | 72 |
| (R) Conference article in Journal | 1 | | | | | 1 |
| (R) Editorial | 1 | | | | | 1 |
| (R) Book | | 4 | | | 1 | 5 |
| (R) Anthology | 1 | | 2 | | | 3 |
| (R) Report | | 5 | 4 | 1 | 2 | 12 |
| (R) Ph.d. thesis | | | | 1 | | 1 |
| (R) Book chapter | 7 | 5 | 7 | 6 | 13 | 38 |
| (R) Report chapter | | | 1 | | | 1 |
| (R) Article in proceeding | 1 | 3 | 4 | 1 | 7 | 16 |
| (R) Conference abstract in proceeding | | 3 | 1 | | | 4 |
| (R) Encyclopedia chapter | | | 1 | | | 1 |
| (R) Preface/postscript | | 1 | | 1 | | 2 |
| (R) Conference abstract for conference | | | 3 | 2 | 3 | 8 |
| (R) Paper without publisher/journal | 3 | 3 | 8 | 9 | 5 | 28 |
| (R) Working paper | 1 | | 2 | 1 | 2 | 6 |
| (R) Internet publication | | | | 1 | | 1 |
| (R) Sound/Visual production (digital) | | 1 | | | | 1 |
| (C) Journal article | | 2 | | | | 2 |
| (C) Literature review | | | 1 | | | 1 |
| (C) Report | | | | 4 | | 4 |
| (C) Feature article | | | | | 1 | 1 |
| (CS) Working paper | | | | | 1 | 1 |
| Total | 19 | 49 | 46 | 48 | 48 | 210 |

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