



## Scientists for Cycling Colloquium, Velo-city 2017, 12 June 2017

De Vereeniging, Nijmegen, the Netherlands

Dear Delegate,

Our program involves three different formats to value *your* contribution; please take note which type of format corresponds to your presentation and plan accordingly. In efforts to preserve the rich diversity of perspectives and the overwhelming number of quality submittals, we are forced to maintain diligent time (i.e. you will be provided with 2 min, 1 min, and 30 second countdowns). Ample breaks allow time for further questions and discussion.

### Lightning + Poster (2 minute presentation + rich opportunity for discussion, following)

Designed to provide lively, informative, interaction between contributors and other researchers. Each lightning contributor will present to the audience either in the plenary session or after panel discussions (see program). Two minutes will be permitted (four slides); contributors can incite interested parties to their poster for further information.

#### *Details for lightning and posters*

- Each presenter is permitted four slides (including the cover slide, which should contain the title, name, and affiliation). You are required to submit these slides by **Thursday 8 June in pdf format** to Fariya Sharmeen <[f.sharmeen@fm.ru.nl](mailto:f.sharmeen@fm.ru.nl)>. No alterations will be permitted after this time; should you not submit your slides, your presentation time will be forfeited.
- Posters will accompany break times throughout the day to allow for further exposure and discussion. We will provide boards on which you can affix your poster (we will also provide pins, etc.). Your poster shall present in portrait format and be no larger than 84.1 cm high and 59.4 cm wide (standard A1 size).

### Oral presentations (10 minutes + a few minutes for Q&A)

Please ensure your oral presentation is fully captured within 10 minutes; projection capability will be provided.

### Panel Discussions

The program includes four different panels, 30 minutes each. The chair of each panel is responsible for moderating content, format and time.

We are looking forward to seeing you on 12 June in Nijmegen!

### Plenary Presentations

#### ***Caspar Chorus: Cycling policy and cycling research: A little less morality, a little more causality please.***

Many transport policy-makers think of cycling in terms of moral premises (“cycling is good”). In this talk, I review work in psychology which suggests that in the domain of morality, decision-making tends to be driven by emotions, heuristics, and an unwillingness to compromise. Based on this insight, I argue for a more dispassionate approach to policy-making, based on rigorous scientific studies into the causal determinants and effects of cycling behaviour. Although such causal inference is notoriously difficult in travel behaviour research, I show how it can be achieved using longitudinal data and (natural) experiments.

**Biography** - Caspar Chorus is a professor at TU Delft and head of its Transport and Logistics group. His research aims to improve econometric models of choice behaviour by building on insights from all corners of the social sciences. His talk will offer a devil’s advocate perspective on cycling policy and cycling research.

#### ***Maria Hopman: Can we get the Homo Sedentarius on the bike?***

From an evolutionary point of view, human beings are made for physical activity. Thousands of years ago, while the genome developed, humans walked close to five hours per day. Using the concept of ‘vitality’ of individuals as they age from conception to decease, this presentation unravels the mechanisms that related in activity and the development of chronic diseases, focusing on exercise, health and bicycling’s potential role. I explain how bicycling relates to the incidence of cardiovascular and metabolic diseases and provide guidelines for how bicycling advances health for all ages.

**Biography** - Maria Hopman is Professor of Integrative Physiology at Radboud University whose research addresses active aging and preventive medicine. Weaving together vascular physiology, pathophysiology and metabolic aspects of health, her work directly informs physical activity and safety guidelines for a myriad of sporting events.

#### ***Arnoud Lagendijk: The undercurrent of cycle planning.***

How to create knowledge for cycling? As a formal mode of transport, bicycling presents a relatively clear and measurable activity. However, as practice, it is linked to disparate aims, lifestyles, territories and customs; it is much more elusive. I argue that formal approaches of knowledge creation and application only serve to verify general insights of little practical use. Understanding and advocating bicycling warrants knowledge of how cycling evolves as part of life trajectories, social practices, and entrepreneurial initiatives (i.e., as one of several practices among bundles of individual, social and institutional practices). In addition to contextual knowledge, applied research yields well-grounded insights of how more general mechanisms operate across local contexts.

**Biography** - Arnoud Lagendijk is Professor of Economic Geography at Radboud University with interests in grassroots developments, grassroots initiatives and global proliferation. He adopts radically geographical perspectives in which local specificities and ambitions lead the way for new ideas about entrepreneurship, neighbourhood development and transport evolution. Lagendijk contributes to policy and societal developments in his home region (Nijmegen) and beyond.

PROGRAM\* OVERVIEW

8:00-8:45	8:45-9:20	9:25-10:05				10:05-10:25	10:25-11:25			11:30-12:15	12:15-13:15
Green Room	White Room	White Room		Green Room		White Room	Green Room	Blue Room	White Room	Grand Café	
45 mins	35 mins	30 mins	10 mins	30 mins	10 mins	20 mins	60 mins			40 mins	60 mins
Registration	Plenary 1	Parallel Session 1 (Panel+Lightning)				Caffeine fix	Parallel Session 2 (Oral 10 minutes each)			Plenary 2	Lunch & Stroll in the City
S4C Board Meeting	<p><b>Welcome Address:</b> Mr. Manfred Neun, Prof. Dr. Kevin J. Krizek</p> <p><b>Prof. Dr. Caspar Chorus "Cycling policy and cycling research: A little less morality, a little more causality please."</b></p>	<p><b>Panel 1: Propensity to Cycle Tool</b> John Parkin (Chair), Robin Lovelace, Randy Rzewnicki, Ricardo Marques, Susan Handy, James Woodcock</p> <p><b>Lightning + Poster</b> Chair: John Parkin</p> <p>Rosa Felix, Filipe Moura "Identifying potential cyclists and its motivators and deterrents to cycle in hilly and unnetworked cities"</p> <p>Raktim Mitra, Gregory Hanson, Nancy Smith Lea "A Regional Analysis of Cycling Propensity in Greater Toronto and Hamilton Area, Canada"</p> <p>Beth Savan, Trudy Ledsham, George Liu, Max Pfertner "Targeting Latent Demand for Bicycling through Mapping"</p> <p>Kay van der Kraan, Henk Tromp, Bert Zinn "Assesing the contribution of bicycle highways to a better car accessibility "</p> <p>Christian Rudloff, Markus Straub, Maximilian Leodolter "Applications for Road Popularity Measures: Infrastructure Evaluation and Route Choice Modelling for Cyclists"</p>	<p><b>Panel 2: Bicycle Planning in Global South</b> Mark Brussel (Chair), Ralph Buehler, Stephen Read, Anna Grigolon</p> <p>Jennifer Bonham, Marilyn Johnson "Learning to drive with bikes: how drivers are (not) being taught to safely interact with cyclists in Australia"</p> <p>Premjeet Das Gupta, Kshama Puntambekar "Bicycle use in rural-urban transition zone: Insights from Bhopal"</p> <p>Gail Jennings "A spoke in the wheel? Reflections on the implications of South Africa's conflicted bicycling discourse"</p> <p>William Riggs, Anurag Pande "Perceptions of Safety and Cycling Behavior Based on Traffic Data: Implications for Public Health and City Planning"</p> <p>Felipe Torres Espinoza, Juan Gabriel Barros "Collective Monitoring platform based in video for classification of mobility actors with Open Data in Cuenca-Ecuador"</p>	<p><b>Trends &amp; Behaviour</b> Chair: Karel Martens</p> <p><b>Global Perspectives: Cycling Trends</b></p> <p>Silvia Bernardi, Lissy La Paix Puello, Karst Geurs "Evaluation of Dutch cycling patterns: evidences from smartphone data"</p> <p>Ralph Buehler "Trends in Bicycle Research and Emerging Research Needs: A US Perspective"</p> <p>Angela Curl, Simon Kingham "Cycling through disruption: travel behaviour at the University of Canterbury in a city undergoing transition"</p> <p>Eva Heinen, Liton Kamruzzaman, Gavin Turrell "Evaluating the correlates of use and predictors of a modal shift of the bicycle sharing system in Brisbane, Australia"</p> <p>William Riggs, Amanda Ross "Hampered by Hardcoreness: How Group Cycling Events Fail to Impact the Everyday Travel Behavior of Novice Cyclists "</p>	<p><b>Debate &amp; Discourse</b> Chair: Peter Furth</p> <p>Thomas Götschi, Regine Gerike, Audrey de Nazelle, Christian Brand "A Conceptual Framework for Cycling Behavior Research"</p> <p>Katja Leyendecker "Nudging towards a communal concept for cycling research"</p> <p>John Parkin, William Clayton, Ben Clark, Miriam Ricci, Graham Parkhurst "Autonomous vehicles and cycling"</p> <p>Peter Cox "The Positivist Trap and its impact on advocacy and research"</p> <p>Harry Oosterhuis "Blind spots and misguided optimism in cycling policies and policy-oriented bicycle research"</p>	<p><b>Emergence &amp; Innovation</b> Chair: Martin Held</p> <p>Anna Nikolaeva, Marco te Brömmelstroet, Rob Raven "Smart Cycling Futures: charting the new terrain"</p> <p>Lucas Harms "User characteristics and trip patterns of electric bicycle use in the Netherlands"</p> <p>Joost de Kruijf, Dick Eetema, Martin Dijkstra "The success of E-Cycling in daily commuting: a longitudinal study of the shift from car-oriented commuting to E-cycling in the Netherlands"</p> <p>Babet Hendriks, Fariya Sharmeen, Jessica van Hees "Stimulating the Use of High Speed E-Bikes in the Daily Urban System"</p> <p>Pauline van den Berg, Suzette Vinken, Karst Geurs, Theo Arentze "Solar bike acceptance: mode choice behavior"</p>	<p><b>Prof. Dr. Maria Hopman "Can we get the Homo Sedentarius on the bike"</b></p> <p>Lightning + Poster Chair: Kees van Ommereen</p> <p>Winnie Daamen, Yufei Yuan, Serge Hoogendoorn "Modeling individual cyclist driving behavior by optimal control"</p> <p>Claudia Hille, Kerstin Stark "Cargo Bike Sharing as one way to sustainable city logistics"</p> <p>Paul Plazier, Gerd Weitkamp, Agnes van den Berg "The potential of electrically assisted cycling in the everyday commute – a mixed-methods approach"</p> <p>Kay Teschke, Jessica Dennis, Conor Reynolds, Meghan Winters, Anne Harris "Cycling injuries on tram (streetcar) or train tracks: causes &amp; solutions"</p> <p>Tomas Bolscher, Ties Eigenhuis, Quint Wiersma "Determinants of Cycling Speeds: Does Congestion Matter?"</p> <p>Tom Williams, Shannon Page, Crile Doscher "Spatial Characteristics of bicycle-motor vehicle accidents in Christchurch, New Zealand: a case-control approach"</p> <p>Tanvi Maheshwari, Michael Joos, Jonas Kupferschmid, Erath Alexander, Michael van Eggermond "Using Virtual Reality to assess new cycling infrastructure design in Singapore"</p>				

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30 mins	60 mins			30 mins	10 mins	30 mins	10 mins	20 mins	60 mins			30 mins	60 mins		
Plenary 3	Parallel Session 3 (Oral 10 minutes each)			Parallel Session 4 (Panel+Lightning)				Caffeine fix	Parallel Session 5 (Oral 10 minutes each)			Plenary 4	Reception and Networking Event		
Prof. Dr. Arnoud Legendijk "The undercurrent of cycle planning"	<b>Gender &amp; Diversity</b> <i>Chair: Jason Chang</i>		<b>Data &amp; Modelling</b> <i>Chair: Elenna Dugundji</i>	<b>Health &amp; Safety</b> <i>Chair: Thomas Götschi</i>		<b>Panel 3: Role of Intrinsic Motivation in Bicycle use Stimulation Programmes</b> Marcus Popkema (Chair), Matthijs Dicke-Ogenia, Tim Ruijs	<b>Lightning + Poster</b> <i>Chair: Marcus Popkema</i>	<b>Panel 4: Cycling and Disability</b> Kevin Hickman (Chair), John Parkin, Rachel Aldred	<b>Lightning + Poster</b> <i>Chair: Kevin Hickman</i>	<b>Policy and Institutional</b> <i>Chair: Bas de Geus</i>		<b>Socio-Economic-Anthropological</b> <i>Chair: Ralph Buehler</i>	<b>Built Environment</b> <i>Chair: Regine Gerike</i>	<b>Reflection: Mr. Manfred Neun</b>	<b>Key Take Aways and Next Steps: Regine Gerike, Susan Handy, Karel Martens, John Parkin</b>
	<b>Global Perspectives: Gender Gap</b>	Meghan Winters, Daniel Fuller "Gender Gap in Bicycle Commuting across 22 cities: Associations with Bike Score"	Winnie Daamen, Serge Hoogendoorn "Bicycle headway modelling and its applications"	Ilse Galama, Winnie Daamen, Serge Hoogendoorn "Development of Active Mode Networks in Cities"	Esther Anaya, Audrey de Nazelle "Building and testing an evaluation model for the impact of cycling built environment interventions in cycling behaviour"		Elisabete Arsenio, Paulo Riberio, Jorge Coelho "The Health Economic Assessment of Cycling Investments"		<b>Global Perspectives: Institutional Barriers</b>	Rachel Aldred "Barriers to Investing in Cycling in Low-Cycling Contexts: lessons from England"	Alberto Castro, Thomas Götschi "Developing an Impact Assessment Tool for Bicycle Crashes"	Dillon Fitch, Susan Handy "Defining safe bicycling environments through human physiology"			
		Leticia Lemos, Marina Kohler Harkot, Priscila Costa "Cycling in the metropolis: the challenges of commuting-oriented cycling for women in São Paulo"	Yufei Yuan, Winnie Daamen, Bernat Goni-Ros, Serge P. Hoogendoorn "Investigating cyclist interaction behavior through a controlled laboratory experiment"	Kay Teschke, Mieke Koehoorn, Hui Shen, Jessica Dennis "Cycling hospitalizations in Canadian jurisdictions with different helmet laws and cycling mode shares"	Patrick Rérat "Motivations and barriers to cycle to work: evidence from the bike to work action in Switzerland"		Danique Ton, Dorine Duijves, Oded Cats, Serge Hoogendoorn "Who, Why & When do people Walk or Cycle?"			Lake Sagaris, Anvita Arora "Pushing the paradigm: Spatial potential and challenges of planning for target modal shares"	Cosmin Popan "Feel the slow: Imagining biketopias"	Trudy Ledsham "Dwelling Type Matters: Intensification and barriers to cycling for apartment dwellers"			
		Angela van der Kloof, Fariya Sharmeen, Karel Martens "On closing the gender and ethnicity gap in cycling"	Serge Hoogendoorn, Winnie Daamen, Yufei Yuan "Modelling shared space: conditions for efficient self-organisation"	Randy Rzewnicki "Does Cycling for Transport Improve Mental Health and Mood: A Review"	Meredith Glaser, Marco te Brommelstroet "Shutting off the lights: Disruptions in everyday mobility practice as a lens for analysing cyclist behaviour "		Andras Munkacsy, Andres Monzon "Potential and actual profile of bike-sharing users: the case of BiciMAD (Madrid)"			Asya Bidordinova "The Role of International Policy Transfer in City Planning: Emerging Cycling Policy in Moscow"	Rorie Parsons "Cycles of opportunity? Cycling culture and its significance beyond the local polity"	Ricardo Marqués, Vicente Hernández-Herrador "A research on the impact of the Sevilla Cycle Network on cycle traffic safety"			
		Wilbert den Hoed, Helen Jarvis "Ageing, mobility and translations: everyday experiences of inclusive urban cycling in the UK and the Netherlands."	Niels Wardenier, Luk Knappen, Elenna Dugundji "On Choice Set Generation for Bicycle Routes"	Marilyn Johnson, Phoebe Dunn, Rod Katz, Ben Beck, Jonathan Nolan "A safe distance: an investigation of minimum passing distances, community attitudes and cyclists' perceptions of safety on Australian roads"	Ricardo Sobral, Filipe Moura "On the Importance of Bicycle Skills Training for Sustainable Urban Mobility"		Yufei Yuan, Bernat Goni-Ros, Winnie Daamen, Serge Hoogendoorn "Empirical data collections for cyclist flows in real-time observations and controlled experiments?"			Bram Lamberts "Evaluating cycling policy: a study into the process of cycling policy evaluation"	Sarah O'Brien, Sarah Searcy, Daniel J. Findley "Testing a Methodology using User Expenditure Data to Evaluate the Economic Contribution of Bicyclists on Shared Use Paths in North Carolina"	Peter G Furth, Theja V.V.K. Putta, Paul Moser "Measuring Low-Stress Connectivity in Terms of Bike-Accessible Jobs and Potential Bike-to-Work Trips: A Case Study Evaluating Alternative Bike Route Alignments in Northern Delaware"			
Jesus M Barajas "Not All Crashes Are Created Equal: Associations between the Built Environment and Disparities in Bicycle Collisions"	Krista Nordback "Estimating annual average daily bicycle traffic from short duration counts: method and accuracy"	Moreno Zanutto, Meghan Winters "Prevalence of Helmet Use Amongst Cyclists in a Jurisdiction with Compulsory Helmet Legislation"	Stefan Synek "Determinants of diffusion and impacts on companies and employees participating in the company bicycle leasing program in Germany"	Cody Nehiba "Give me 3': Do passing laws reduce bicyclist fatalities?"	Beth Savan, Trudy Ledsham, George Liu, Nancy Smith Lea "Elements of Successful Behaviour interventions to increase cycling for transportation in the Greater Toronto area"	Clemens Raffler, Tadej Brezina, Günter Emberger "Cycling investment expedience: Energy expenditure based Cost-Path Analysis of national census bicycle commuting data"	Zain Ul-Abdin, Pieter De Winne, Ken Schotte, Hans De Backer "Geometric design of curvature and widening of bicycle paths "								

\*program is subject to change

## List of Contributions (in alphabetical order of the last name of first author)

### PANELS

Title	Proposed by	Chair	Member 1	Member 2	Member 3	Member 4 (optional)	Member 5 (optional)
<b>Bicycle planning in the global South: getting cycling to a two digit mode share?</b>	Mark Brussel, University of Twente	Mark Brussel, University of Twente	Ralph Buehler, Virginia Tech	Stephen Read, TU Delft	Anna Grigolon, University of Twente		
<b>Cycling and Disability: Cycles used as mobility aids</b>	Kevin Hickman, Wheels for Wellbeing	Kevin Hickman, Wheels for Wellbeing	John Parkin, UWE Bristol	Rachel Aldred, University of Westminster			
<b>A global Propensity to Cycle Tool?</b>	Robin Lovelace, University of Leeds	John Parkin, UWE, Bristol	Robin Lovelace, University of Leeds	Randy Rzewnicki, ECF	Ricardo Marques, Universidad de Sevilla	Susan Handy, UC Davis	James Woodcock, University of Cambridge
<b>The role of intrinsic motivation in bicycle use stimulation programmes</b>	Marcus Popkema, Windesheim University of Applied Sciences	Marcus Popkema, Windesheim University of Applied Sciences	Matthijs Dicke-Ogenia, Goudappel Coffeng	Kim Ruijs, XTNT Consultancy			

### FULL PAPERS

Author	Affiliation	Title
Jesus M Barajas	University of California Berkeley	Not All Crashes Are Created Equal: Associations between the Built Environment and Disparities in Bicycle Collisions
Silvia Bernardi, Lissy La Paix Puello, Karst Geurs	University of Bologna, University of Twente	Evaluation of Dutch cycling patterns: evidences from smartphone data
Tomas Bolscher, Ties Eigenhuis, Quint Wiersma	VU Amsterdam	Determinants of Cycling Speeds: Does Congestion Matter?
Peter Cox	University of Chester	The Positivist Trap and its impact on advocacy and research
Felipe Torres Espinoza, Juan Gabriel Barros	Tivo.ec	Collective Monitoring platform based in video for classification of mobility actors with Open Data in Cuenca-Ecuador
Peter G Furth, Theja V.V.K. Putta, Paul Moser	Northeastern University, Delaware Department of Transportation	Measuring Low-Stress Connectivity in Terms of Bike-Accessible Jobs and Potential Bike-to-Work Trips: A Case Study Evaluating Alternative Bike Route Alignments in Northern Delaware
Cody Nehiba	UC Irvine	Give me 3': Do passing laws reduce bicyclist fatalities?
Harry Oosterhuis	Maastricht University	Blind spots and misguided optimism in cycling policies and policy-oriented bicycle research
Clemens Raffler, Tadej Brezina, Günter Emberger	Vienna University of Technology	Cycling investment expedience: Energy expenditure based Cost-Path Analysis of national census bicycle commuting data
William Riggs, Amanda Ross	Californina Polytechnic State University	Hampered by Hardcoreness: How Group Cycling Events Fail to Impact the Everyday Travel Behavior of Novice Cyclists
Christian Rudloff, Markus Straub, Maximilian Leodolter	AIT, Austrian Institute of Technology, GmbH	Applications for Road Popularity Measures: Infrastructure Evaluation and Route Choice Modelling for Cyclists
Lake Sagaris, Anvita Arora	Pontificia Universidad Católica de Chile, iTrans	Pushing the paradigm: Spatial potential and challenges of planning for target modal shares
Zain Ul-Abdin, Pieter De Winne, Ken Schotte, Hans De Backer	University of Ghent	Geometric design of curvature and widening of bicycle paths
Pauline van den Berg, Suzette Vinken, Karst Geurs, Theo Arentze	TU Eindhoven, U Twente	Solar bike acceptance: mode choice behavior
Tom Williams, Shannon Page, Crile Doscher	Jacobs NZ, Lincoln University, NZ	Spatial Characteristics of bicycle-motor vehicle accidents in Christchurch, New Zealand: a case-control approach
Yufei Yuan, Winnie Daamen, Bernat Goñi-Ros, Serge P. Hoogendoorn	TU Delft	Investigating cyclist interaction behavior through a controlled laboratory experiment



## EXTENDED ABSTRACTS

Author	Affiliation	Title
Rachel Aldred	University of Westminster	Barriers to Investing in Cycling in Low-Cycling Contexts: lessons from England
Esther Anaya, Audrey de Nazelle	Imperial College London	Building and testing an evaluation model for the impact of cycling built environment interventions in cycling behaviour
Elisabete Arsenio, Paulo Riberio, Jorge Coelho	LNEC, Universidade do Minho, Comunidade Intermunicipal do Algarve	The Health Economic Assessment of Cycling Investments
Asya Bidordinova	University of Toronto	The Role of International Policy Transfer in City Planning: Emerging Cycling Policy in Moscow
Jennifer Bonham, Marilyn Johnson	University of Adelaide, Monash University and Amy Gillett Foundation	Learning to drive with bikes: how drivers are (not) being taught to safely interact with cyclists in Australia
Alberto Castro, Thomas Götschi	University of Zurich	Developing an Impact Assessment Tool for Bicycle Crashes
Angela Curl, Simon Kingham	University of Canterbury	Cycling through disruption: travel behaviour at the University of Canterbury in a city undergoing transition
Winnie Daamen, Yufei Yuan, Serge Hoogendoorn	TU Delft	Modeling individual cyclist driving behavior by optimal control
Winnie Daamen, Serge Hoogendoorn	TU Delft	Bicycle headway modelling and its applications
Joost de Kruijf, Dick Ettema, Martin Dijst	Utrecht University	The success of E-Cycling in daily commuting: a longitudinal study of the shift from car-oriented commuting to E-cycling in the Netherlands
Wilbert den Hoed, Helen Jarvis	Newcastle University	Ageing, mobility and translations: everyday experiences of inclusive urban cycling in the UK and the Netherlands.
Rosa Felix, Filipe Moura	Universidade de Lisboa	Identifying potential cyclists and its motivators and deterrents to cycle in hilly and unnetworked cities
Dillon Fitch, Susan Handy	UC Davis	Defining safe bicycling environments through human physiology
Ilse Galama, Winnie Daamen, Serge Hoogendoorn	TU Delft	Development of Active Mode Networks in Cities
Meredith Glaser, Marco te Brommelstroet	University of Amsterdam	Shutting off the lights: Disruptions in everyday mobility practice as a lens for analysing cyclist behaviour
Thomas Götschi, Regina Gerike, Audrey de Nazelle, Christian Brand	University of Zurich, TU Dresden, Imperial College London, University of Oxford	A Conceptual Framework for Cycling Behavior Research
Premjeet Das Gupta, Kshama Puntambekar	School of Planning and Architecture, Bhopal, India	Bicycle use in rural-urban transition zone: Insights from Bhopal
Lucas Harms	KiM, NL	User characteristics and trip patterns of electric bicycle use in the Netherlands
Eva Heinen, Liton Kamruzzaman	University of Leeds, Queensland University of Technology	Evaluating the correlates of use and predictors of a modal shift of the bicycle sharing system in Brisbane, Australia
Babet Hendriks, Fariya Sharmeen, Jessica van Hees	Radboud University, the Province of Gelderland	Stimulating the Use of High Speed E-Bikes in the Daily Urban System
Claudia Hille, Kerstin Stark	Johann Wolfgang Goethe University, Erfurt University of Applied Sciences	Cargo Bike Sharing as one way to sustainable city logistics
Serge Hoogendoorn, Winnie Daamen, Yufei Yuan	TU Delft	Modelling shared space: conditions for efficient self-organisation
Gail Jennings	Independent Consultant, U of Cape Town	A spoke in the wheel? Reflections on the implications of South Africa's conflicted bicycling discourse
Marilyn Johnson, Phoebe Dunn, Rod Katz, Ben Beck, Jonathan Nolan	Amy Gillett Foundation, Monash University	A safe distance: an investigation of minimum passing distances, community attitudes and cyclists' perceptions of safety on Australian roads
Bram Lamberts	Radboud University and Witteveen+Bos	Evaluating cycling policy: a study into the process of cycling policy evaluation
Trudy Ledsham	University of Toronto	Dwelling Type Matters: Intensification and barriers to cycling for apartment dwellers
Leticia Lemos, Marina Kohler Harkot, Priscila Costa	University of São Paulo, School of Sociology and Politics Foundation of São Paulo	Cycling in the metropolis: the challenges of commuting-oriented cycling for women in São Paulo
Katja Leyendecker	Northumbria University	Nudging towards a communal concept for cycling research
Tanvi Maheshwari, Michael Joos, Jonas Kupferschimid, Erath Alexander, Michael van Eggermond	Singapore ETH Centre	Using Virtual Reality to assess new cycling infrastructure design in Singapore
Ricardo Marqués, Vicente Hernández-Herrador	Universidad de Sevilla, A Contramano: Asamblea Ciclista de Sevilla	A research on the impact of the Sevilla Cycle Network on cycle traffic safety
Raktim Mitra, Gregory Hanson, Nancy Smith Lea	Ryerson University, Toronto Centre for Active Transportation (TCAT)	A Regional Analysis of Cycling Propensity in Greater Toronto and Hamilton Area, Canada
Andras Munkacsy, Andres Monzon	KTI Institute for Transport Sciences NLtd. Budapest, Universidad Politecnica de Madrid	Potential and actual profile of bike-sharing users: the case of BiciMAD (Madrid)

Author	Affiliation	Title
Anna Nikolaeva, Marco te Brömmelstroet, Rob Raven	Utrecht University, University of Amsterdam	Smart Cycling Futures: charting the new terrain
Krista Nordback	University of North Carolina	Estimating annual average daily bicycle traffic from short duration counts: method and accuracy
Sarah O'Brien, Sarah Searcy, Daniel J. Findley	Institute for Transportation Research and Education, USA	Testing a Methodology using User Expenditure Data to Evaluate the Economic Contribution of Bicyclists on Shared Use Paths in North Carolina
John Parkin, William Clayton, Ben Clark, Miriam Ricci, Graham Parkhurst	UWE, Bristol	Autonomous vehicles and cycling
Rorie Parsons	Newcastle University	Cycles of opportunity? Cycling culture and its significance beyond the local polity
Paul Plazier, Gerd Weitkamp, Agnes van den Berg	University of Groningen	The potential of electrically assisted cycling in the everyday commute – a mixed-methods approach
Cosmin Popan	Lancaster University	Feel the slow: Imagining biketopias
Patrick Rérat	University of Lausanne	Motivations and barriers to cycle to work: evidence from the bike to work action in Switzerland
William Riggs, Anurag Pande	Californina Polytechnic State University	Perceptions of Safety and Cycling Behavior Based on Traffic Data: Implications for Public Health and City Planning
Randy Rzewnicki	ECF - European Cyclists' Federation	Does Cycling for Transport Improve Mental Health and Mood: A Review
Beth Savan, Trudy Ledsham, George Liu, Nancy Smith Lea	University of Toronto, TU Eindhoven, Toronto Centre for Active Transportation	Elements of Successful Behaviour interventions to increase cycling for transportation in the Greater Toronto area
Beth Savan, Trudy Ledsham, George Liu, Max Pfertner	University of Toronto, TU Eindhoven, TU Munich	Targeting Latent Demand for Bicycling through Mapping
Ricardo Sobral, Filipe Moura	CERIS, Instituto Superior Técnico, Universidade de Lisboa	On the Importance of Bicycle Skills Training for Sustainable Urban Mobility
Stefan Synek	TU Munich	Determinants of diffusion and impacts on companies and employees participating in the company bicycle leasing program in Germany
Kay Teschke, Mieke Koehoorn, Hui Shen, Jessica Dennis	University of British Columbia, University of Toronto	Cycling hospitalizations in Canadian jurisdictions with different helmet laws and cycling mode shares
Kay Teschke, Jessica Dennis, Conor Reynolds, Meghan Winters, Anne Harris	University of British Columbia, University of Toronto, Simon Fraser University, Ryerson University	Cycling injuries on tram (streetcar) or train tracks: causes & solutions
Danique Ton, Dorine Duives, Oded Cats, Serge Hoogendoorn	TU Delft	Who, Why & When do people Walk or Cycle?
Angela van der Kloof, Fariya Sharmeen, Karel Martens	Mobycon, Radboud University, Technion - Israel Institute of Technology	On closing the gender and ethnicity gap in cycling
Niels Wardenier, Luk Knappen, Elenna Dugundji	Utrecht University, University Hasselt, Centrum Wiskunde en Informatica	On Choice Set Generation for Bicycle Routes
Meghan Winters, Daniel Fuller	Simon Fraser University, Memorial University	Gender Gap in Bicycle Commuting across 22 cities: Associations with Bike Score
Yufei Yuan, Bernat Goni-Ros, Winnie Daamen, Serge Hoogendoorn	TU Delft	Empirical data collections for cyclist flows in real-time observations and controlled experiments
Moreno Zanotto, Meghan Winters	Simon Fraser University	Prevalence of Helmet Use Amongst Cyclists in a Jurisdiction with Compulsory Helmet Legislation
Bert Zinn, Henk Tromp, Kay van der Kraan	MOVE Mobility, Ministry of Infrastructure and Environment	Assessing the contribution of bicycle highways to a better car accessibility