

Program

7th Annual Meeting of the

CYCLING RESEARCH BOARD

October 25th-27th, 2023



BERGISCHE
UNIVERSITÄT
WUPPERTAL



BICYCLE
TRAFFIC



Welcome from the Organizers

Dear friends from the cycling community,

I, along with the entire team at the Chair of Bicycle Traffic, am thrilled to welcome you to the 7th CRB Annual Meeting in Wuppertal. Embracing the spirit of our conference motto, “The hill we ride,” this year’s CRBAM endeavors to explore and tackle the challenges encountered by cycling researchers and practitioners in our shared pursuits. We hope that this city, with its unique character, charm, and challenges, coupled with the program we prepared for you, will foster a stimulating environment for three days of interesting discussions, shared learning, planning future collaborations, and moments of laughter.

Wishing you all an engaging and fruitful CRBAM 2023

Heather Kaths

Head of the Chair of Bicycle Traffic, University of Wuppertal



Thank you to our sponsors:



Local Organizing Committee

Prof. Dr. Heather Kaths, Cat Silva, Leonard Arning, Claudia Heldmann, Felix Heldmann, Katharina Langenscheidt, Mathis Titgemeyer

Cycling Research Board Steering Committee

Dr. Rebecca Brandt, Dr. Matthew Bruno, Prof. Dr. Marco te Brömmelstroet, Dr. Meredith Glaser, Prof. Dr. Mads Paulsen, Prof. Dr. Kevin J. Krizek, Dr. George Liu, Dr. Samuel Nello-Deakin, Cat Silva, Dr. Justin Spinney

Design Committee

Peter Kersten, Cat Silva

Chair of Bicycle Traffic

University of Wuppertal
Univ.-Prof. Dr.-Ing. Heather Kaths
radverkehr.uni-wuppertal.de

Scientific Committee

Leonard Arning, Danil Belikhov, Prof. Dr. Heather Kaths, Mathis Titgemeyer, Aboozar Roosta, Matthias Schaarwächter, Cat Silva, Jack Joseph Stockman, Mareike Hasenburg, Prof. Dr. Jochen Eckart, Prof. Dr. Dennis Knese, Nicole Reinfeld, Dr. Samuel Nello-Deakin, Prof. Dr. Jana Kühl, Dr. Matthew Bruno, Prof. Dr. Christian Rudolph



How to get there?

All registered participants attending the CRBAM23 will receive a 3-day-pass to use our local transit network from our generous sponsor the Wuppertaler Stadtwerke (WSW). Not only will this give you access to the local bus and s-bahn lines, these passes can be used to take a ride on the Schwebebahn to get a unique view of the city and experience this uncommon form of transit.

The venue Codeks Factory is located in Moritzstraße 14, 42117 Wuppertal.

To get to **Codeks Factory**, where all sessions will be held, you can get off the Schwebebahn at the station Robert-Daum-Platz. In case the Schwebebahn does not run (temporarily) you can also take a bus [lines 600, 601, 611, 619 or 649] to Robert-Daum-Platz.

By **bike or e-scooter**, coming from the main station, stay on Friedrich-Ebert-Straße past the BMW dealership and turn left on to Moritzstraße. **Codeks Factory** will be on your right.

Coming from the Historic City Hall, take Gesundheitsstraße (through Südstraße) and cross over to Ernststraße to take the first right on to Moritzstraße over a bridge. **Codeks Factory** will be on your left.



What about food and drinks?

During registration (8:00-9:00) each morning, complementary small pastries, coffee, tea, and cold drinks will be served in the Arena at the Codeks Factory. The hot and cold drinks will be available during all breaks and the lunch hour.

Lunch is included in the cost of registration and will be served in the **Arena** each day, including vegetarian and vegan options.

All participants are invited to join a Welcome Reception and Conference Dinner on Wednesday and Thursday evening (cost included in the registration fee). We have also organized causal pre- and post-conference meet-ups at local restaurants on Tuesday and Friday evening that participants are welcome to join (self-pay). Please find further information on these [Social Events] along with recommendations for (Late Night Eats) on the next page.



Social Events

Tuesday, from 18:00 SWANE-Café, Wintergarten

reserved for participants; self-pay

Luisenstr. 102a, 42103 Wuppertal

Wednesday from 17:00 Stadtparkasse Tower, 19th floor

drinks and finger food; hosted by the Stadtparkasse Wuppertal

Islandufer 15, 42103 Wuppertal

Thursday from 18:00 Alte Papierfabrik, Enchilada

dinner and drinks; included in the cost of registration

Friedrich-Ebert-Straße 130, 42117 Wuppertal

Friday from 18:30 Wuppertaler Brauhaus, Main Hall

reserved for participants; self-pay

Kleine Flurstraße 5, 42275 Wuppertal

Late Night Eats

7 Gründe

Herzogstr. 32, 42103 Wuppertal

Restobar

79sec

Luisenstraße 94A, 42103 Wuppertal

Neapolitan Pizza

Alaturka Restaurant

Luisenstraße 63, 42103 Wuppertal

Turkish Eat In

Bernard - Soulfood & Drinks

Luisenstraße 72, 42103 Wuppertal

Indian

Café du Congo

Luisenstraße 118, 42103 Wuppertal

Modern European

Dios Taverne

Obergrünwalder Str. 14, 42103 Wuppertal

Greek Snacks & Pizza; open late

Donatello

Herzogstraße 36, 42103 Wuppertal

Italian

El Akawi

Neumarkt 2, 42103 Wuppertal

Fast Food/Döner

Hans im Glück

Herzogstraße 40, 42103 Wuppertal

Burgers

Katzengold

Untergrünwalder Str. 3, 42103 Wuppertal

Fresh & Local

L' Osteria

Erholungsstraße 19, 42103 Wuppertal

Italian

Mio3

Kasinostr. 19-21, 42103 Wuppertal

European

Sausalitos

Herzogstraße 42, 42103 Wuppertal

Drinks & Snacks

The Loft

Friedrich-Ebert-Straße 14, 42103 Wuppertal

casual dining

Excursions organized by Neue Effizienz

Register to join a walking tour through typical Wuppertal neighborhoods with focus on challenges of the current cycling infrastructure and new mobility projects.

Luisenviertel: New Pedestrian Area, Bicycle Road Luisenstr.

Ölberg: Mobility Station Schusterplatz, Ölberg-Hub

Mirke: Mobility Station Wiesenstr., Bicycle Road Neue Friedrichstr., Creative Hotspot Utopiastadt, Former Railway Track Nordbahntrasse

Thursday and Friday

Start: 08:00 Laurentiusplatz

End: 10:15 Codeks Factory

please register in advance through [this link](#)



Luisenviertel: Bicycle Road



Meeting point @ Laurentiusplatz in front of Cafés



Nordbahntrasse: Creative Hotspot Utopiastadt



Ölberg: Mobility Station



Urban Design Rally

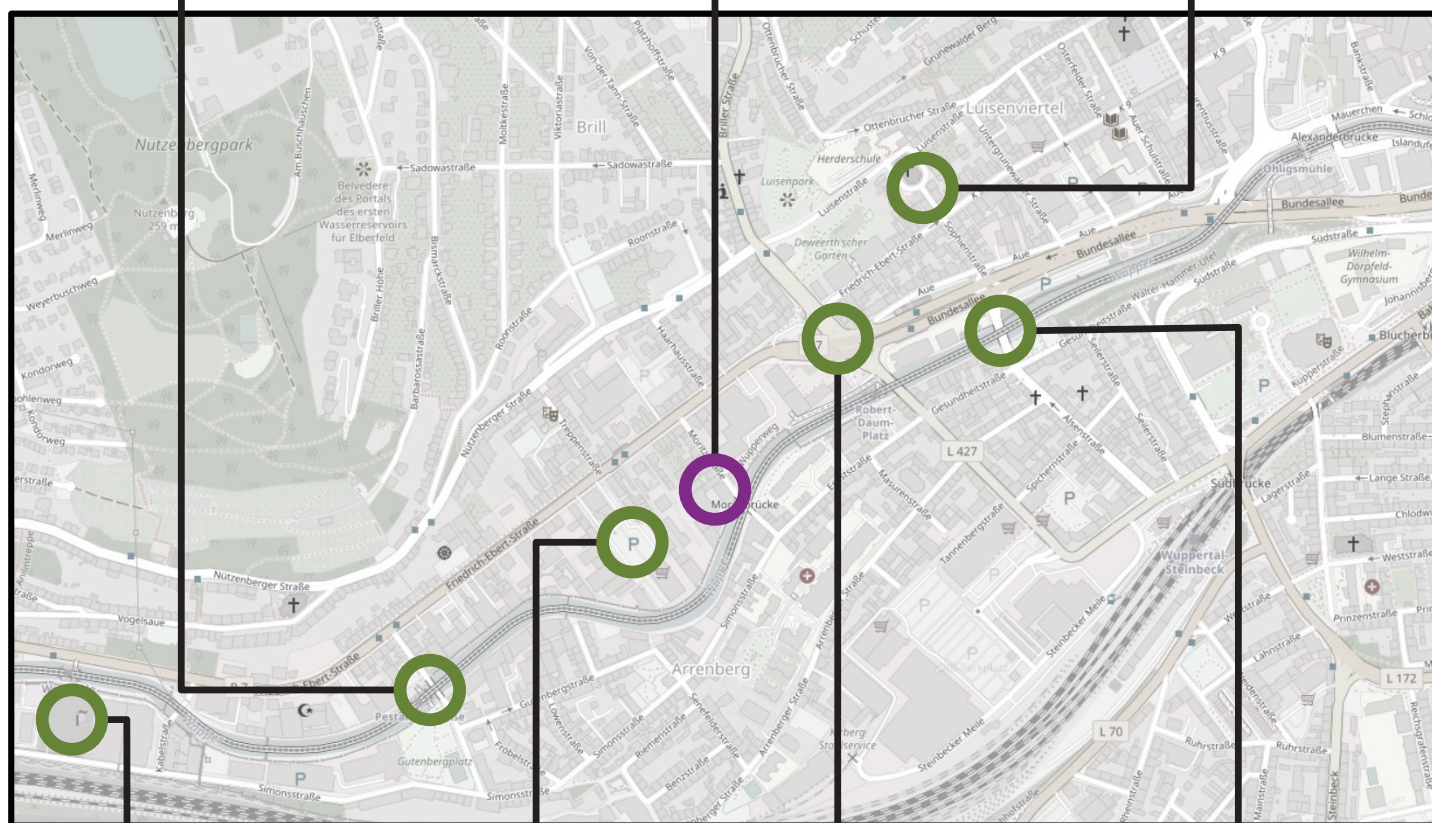
On day two of the conference program, we invite you to take an (even) closer look at Wuppertal's urban form and fabric. To do so, we set up a little competition: help us **brainstorm ideas for the potential of underused spaces**. On the reverse side, you will find a map of six sites, all within a 15-min-walk (or even shorter Schwebbahn-ride) from the Codeks Factory. Every place is different, but they have two things in common: (1) they are situated in a dense, mixed-used or otherwise potentially attractive pocket of urban fabric; and (2) they are underused, underpopulated, hostile, an eyesore, or otherwise unpleasant environments.

Instructions for the rally to be provided in the **Codeks Factory Arena** at 16:00 on Thursday, October 26th.

Schwebebahn station
Pestlozzistraße and env.

Codeks
Factory

Forecourt of
Neue Kirche



Old heating and
power station

Commercial
backyard

Intersection
Robert-Daum-Platz

Wupper at
Alsenstraße Bridge

Map of sites to be rethought during the rally



Day I - Wednesday, October 25th

8:00-9:00	Registration <i>@ Codeks Factory; croissants, pretzels, hot and cold drinks will be waiting for you</i>		
	Arena	Cubicles	Parlament
9:00-10:30	Welcome + Plenary Discussion		
1-A 10:45-12:15	<i>Break-Out Session with Workshops</i> BW1: Bikeability of the Infrastructure		<i>Break-Out Session</i> BT10: Safety & Conflicts
12:15-13:15	Lunch Break		CRBAM Steering Committee Meeting
1-B 13:15-14:45	<i>Break-Out Session</i> BT11: Designing Infrastructure for Bicycle Traffic		<i>Break-Out Session</i> BT3: Governing Cycling Futures
1-C 15:00-16:15	<i>Workshop</i> W5: Designing Bicycle Lanes	<i>Workshop</i> W3: Planning a Living-Lab & Experiments in Africa	<i>Break-Out Session</i> BT5: Determinants of the Cycling Mode Share
From 17:00	Welcome Reception <i>@ Stadtparkasse Tower</i>		



9:00

Arena

Welcome to Wuppertal

Prof. Dr.-Ing. Heather Kaths (Head of the Chair of Bicycle Traffic, University of Wuppertal)

Welcome Address

Prof. Dr. Birgitta Wolff (Rector of the University of Wuppertal)

Keynote Address

Prof. Dr. Uwe Schneidewind (Mayor of the City of Wuppertal)

Podium Discussion

Moderator: Cat Silva

Discussing the hinderances and opportunities for making Wuppertal a more bikeable city

Prof. Dr.-Ing. Heather Kaths (Head of the Chair of Bicycle Traffic, University of Wuppertal)

Prof. Dr. Uwe Schneidewind (Mayor of the City of Wuppertal)

Prof. Dr. Birgitta Wolff (Rector of the University of Wuppertal)

Wuppertal Radlring

Poster Gallery and Morning Excursions with Neue Effizienz

Christoph Pusch (Head of Mobility Transition, Neue Effizienz)

Remarks from the Organizing Committee

Prof. Dr.-Ing. Heather Kaths (Head of the Chair of Bicycle Traffic, University of Wuppertal)

Cat Silva (Chair of Bicycle Traffic, University of Wuppertal)

10:30

15 Minute Break



10:45

Arena &
Cubicles

BW I: Bikeability of the Infrastructure

Moderator: Dennis Knese

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

"Best processes" for achieving bikeability in the 2020s: What the experts can (and can't) teach you
Joe Dickmann (Utrecht University)

Intuitively usable Cycling Infrastructure – Findings from a Systematic Literature Review
David Friel (TU Berlin)

Smoother than smooth! – Bikeability of cobble stone: The cobble stone challenge for cycling infrastructure planners
Martina Lohmeier (RheinMain University of Applied Sciences)

Bike Path Radar: New data driven opportunities for bicycle infrastructure planning and improved citizen engagement
Johannes Schering (University of Oldenburg)

How bike-friendly is your street? Modelling bikeability using open data.
Christian Werner (University of Salzburg)
Lucas van der Meer (University of Salzburg)

Parlament

BT10: Safety & Conflicts

Moderator: Leonard Arning

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Can crowdsourced large-scale near-crash data replace crash data? A comparison of models using both sources
KuanYeh Chou (DTU)

Enhancing Urban Cycling Safety: Understanding the Effects of Safety Measures
Ana Karina de Barros Christ (University of Lisbon)

The image of a comfortable overtaking manoeuvre differs qualitatively between motorists and cyclists
Katja Kircher (Swedish National Road and Transport Research Institute (VTI))
Magdalena Lindman (If P&C Insurance)

Insights from the Road: Promoting Safe Cycling through Real-life Accident Data Analysis
Henrik Liers (VUFO @ TU Dresden)

Overtakings in rural roads – cyclists & motorists' perspective
Magdalena Lindman (If P&C Insurance)

12:15

Arena

Lunch Break

The CRBAM Steering Committee will meet in the Parliament



13:15

Arena &
Cubicles

BT II: Designing Infrastructure for Bicycle Traffic

Moderator: Yufei Yuan

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

The Role of Urban Green Infrastructure in Cycling Comfort

Mahtab BaghaiePoor (TU Munich)

What makes a great Cycle superhighway? – Evaluation in the Swedish region of Skåne

Jones Karlström (Swedish National Road and Transport Research Institute (VTI))

Cycling Norms for the E-Bike City – An Interplay of Policy, Engineering, and Culture

Clarissa Livingston (ETH Zurich)

Public Opinion and Cyclist Behaviour Towards Bicycle Push Buttons for Requesting Green at Intersections

A. Maria Salomons (TU Delft)

Parlament

BT3: Governing Cycling Futures

Moderator: Samuel Nello-Deakin

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Bicycle commuting as a tool for equity advancement in Diepsloot township in Johannesburg

Paloma Leé Chuquín Alarcón (Politecnico di Milano)

Urban Cycling and Mobility Cultures in Transition – A Berlin Case Study

Maximilian Hoor (Reallabor Radbahn gUG)

Towards a Sustainable Transport System: Exploring Capacity Building Needs for Active Travel in Africa

Desmond Lartey (Urban Cycling Institute)

Representing Urban Cycling

Daniel Valentini (SLU Uppsala)

14:45

15 Minute Break



15:00

Arena

W5: Designing Bicycle Lanes

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Cyclists' Spatial Requirements – Ending the Era of Engineering Estimations

Johan Egeskog (Swedish National Road and Transport Research Institute (VTI))

Cubicles

W3: Planning a Living-Lab & Experiments in Africa

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Keep Africa active: Promoting active mobility in sub-Saharan Africa

Azeb Tesfaye Legese (University of Kassel)

Angela Francke (University of Kassel)

Parlament

BT5: Determinants of the Cycling Mode Share Moderator: Matthias Schaarwächter

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Sense making by sufficiency? Finding paths for a cultural shift to a cycling society

Jana Kuehl (Ostfalia University of Applied Sciences)

Balancing 'push and pull' measures to encourage car drivers to become cyclists

Beatriz Martínez Rico (Polytechnic University of Madrid)

Cycling to the rescue: Bicycles can enhance urban mobility resilience in times of disruption

Paul Papendieck (University of Kassel)

16:15

End of today's program @Codeks Factory

17:00

Welcome Reception

@Sparkassen Tower

Islandufer 15, 42103 Wuppertal



Day 2 - Thursday, October 26th

Walking Tour with Neue Effizienz from 8:00; Meeting Point: Laurentiusplatz

8:00-9:00	Registration <i>@ Codeks Factory; croissants, pretzels, hot and cold drinks will be waiting for you</i>		
	Arena	Cubicles	Parlament
2-A 9:00-10:15	<i>Workshop</i> W4: Designing Solutions for Construction Sites	<i>Break-Out Session</i> BM2: Wearables, Body Sensor Data & AI	<i>Break-Out Session</i> BT6: Route Choice
10:30-12:00	Fishbowl Discussion		
12:00-13:00	Lunch Break		
2-B 13:00-14:15	<i>Break-Out Session</i> BM1: Instrumented Bikes & Mobile Video Data	<i>Break-Out Session</i> BT4: Acceptance of New Cycling Technologies	<i>Break-Out Session</i> BT9: Modeling Behavior & Choice
2-C 14:30-15:45	<i>Break-Out Session</i> BT2: Cycling Cities & Societal Shifts	<i>Break-Out Session</i> BT7: Network Planning & Assessment - 1	<i>Break-Out Session</i> BM4: Microscopic Simulation
16:00-18:00	Urban Design Rally <i>Information on this outdoor activity will be provided to participants in the Arena at 16:00</i>		
From 18:00	Conference Dinner <i>@ Alte Papierfabrik (Enchilada)</i>		



9:00

Arena

W4: Designing Solutions for Construction Sites

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Workshop on Enhancing Construction Site Layouts for Cyclist Safety: Understanding Road User Perspectives

Marie Klosterkamp (University of Kassel)

Eike Rothauge (University of Kassel)

Cubicles

BM2: Wearables, Body Sensor Data & AI

Moderator: Anna Takayasu

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

"aZuR" project – Automated Condition Assessment of Cycling Infrastructure

Alina Boeva (RheinMain University of Applied Sciences)

Jasmin Rohwedder (TH Lübeck)

AI-based bicycle delay estimation at signalized intersections using sparse GPS data and control signals

Yufei Yuan (TU Delft)

Parlament

BT6: Route Choice

Moderator: Maria Salomons

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Developing customized cargo bike routes based on individual preferences and vehicle specifics

Johannes Gruber (German Aerospace Center - DLR)

Development of a bicycle route choice model for greater Gothenburg area

Chengxi Liu (Swedish National Road and Transport Research Institute (VTI))

Quantitative modelling of cyclists' route choice behaviour based on revealed preference data: A literature review

Mirosława Łukawska (DTU)

Comparative Study on Route Choice Models for Cyclists

Adrian Meister (ETH Zurich)

10:15

15 Minute Break

10:30

Arena

Fishbowl Discussion

Moderators: Marco te Brömmelstroet

Meredith Glaser

Disruptive vs Incremental Change

Heather Kaths (University of Wuppertal)

Top-Down vs Bottom-Up Approach

Jochen Stiebel (Neue Effizienz)

12:00

Arena

Lunch





13:00

Arena

BMI: Instrumented Bikes & Mobile Video Data

Moderator: Justin Spinney

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Exploring the potential of fNIRS in capturing subjective cycling experiences

Pookhao Chinpongsuwan (Polytechnic University of Catalonia)

Planning for cycling: Exploring a flow-based framework for placemaking and urban vitality

Michael Dyblie (Mobycon/NTNU)

Incomparable Results: Exploring the Challenges of Measuring Lateral Passing Distance

Zbyněk Janouška (Transport Research Centre (CDV), Brno)

Vojtěch Nezval (Transport Research Centre (CDV), Brno)

Details that disrupt – Investigating the relationship between the sense of flow and cycling infrastructure

Gheysa Prado (Federal University of Paraná)

Helena Strömberg (Chalmers University, Gothenburg)

Pontus Wallgren (Chalmers University, Gothenburg)

Can a speed limit of 30 km/h improve passing distances when overtaking cyclists?

Julius Reh (TU Dresden)

Cubicles

BT4: Acceptance of New Cycling Technologies

Moderator: Aboozar Roosta

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Shared bike and shared e-scooter: a story of companionship and competition?

Roxani Gkavra (University of Natural Resources and Life Sciences, Vienna)

Which road safety-related factors influence users' acceptance towards Smart e-bikes: A European based survey

Georgios Kapousizis (University of Twente)

User Acceptance of Urban Cargo Bicycles

Lisa Kessler (TU Munich)

Parlament

BT9: Modelling Behavior & Choice

Moderator: Leonard Arning

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Modeling Bicycle Traffic – Influencing Factors and Parameterization

Nicole Reinfeld (Frankfurt University of Applied Sciences)

Christian Weiß (PTV Transport Consult GmbH)

The heterogeneity of cycling between the center and the suburbs of five French functional urban areas.

Léo Taillandier (CNRS – UMR Géographie-cités, Paris)

Happiness is in the journey: A different view on accessibility in the cycling city

Lucas van der Meer (University of Salzburg)

14:45

15 Minute Break



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14:30

Arena

BT2: Cycling Cities & Societal Shifts

Moderator: Angela Francke

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Becoming Cycling Cities: Mobilizing Cycling Histories in the Pursuit of Cycling Futures

Peter Bird (University of Eindhoven)

Cycling Paradise or Cycling Compromise? Experimental Niches and Historical Mobility Campaigning in the Netherlands

Lindsay Broadwell (University of Amsterdam)

Exploring Contextual Challenges of Cycling Planning in a Car-Centric Environment

Mohammad Nazarpour (Tarbiat Modares University, Tehran)

Leapfrogging socio-technical change: Short cuts to a cycling city

Bernhard Wieser (TU Graz)

Cycling promotion using financial incentives: A case study in São Paulo, Brazil

Ana Yoon Faria de Lima (University of São Paulo)

Cubicles

BT7: Network Planning & Assessment - I

Moderator: Matthew Bruno

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Ontology-based approach for harmonising metrics in bike network evaluations

Ayda Grisiute (ETH Zurich)

Methodology for Planning and Designing Bicycle Lanes Networks in Small Cities

Daryl Trelles (University of Azuay, Cuenca)

Planning regional cycling networks - An example from the state of Baden-Wuerttemberg

Verena Zeidler (PTV Transport Consult GmbH)

Parlament

BM4: Microscopic Simulation

Moderator: Heather Kathis

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Microscopic modelling and simulation of bicycle-car interaction

He Haitao (Loughborough University)

Empirical Study of Bicycle Traffic Characteristics Relevant for Microscopic Simulation

Guillermo Pérez Castro (Linköping University / VTI)

A physical microscopic bicycle model

Malte Rothhämel (KTH Royal Institute of Technology)

Lane and band formation in mixed traffic flow

Antoine Tordeux (University of Wuppertal)

This session will be part of the Roadshow Radverkehr and be streamed live [via Zoom](#)

15:45

15 Minute Break

16:00

Arena

Outdoor Activity: Urban Design



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Day 3 - Friday, October 27th

Walking Tour with Neue Effizienz from 8:00; Meeting Point: Laurentiusplatz

8:00-9:00	Registration <i>@ Codeks Factory; croissants, pretzels, hot and cold drinks will be waiting for you</i>		
	Arena	Cubicles	Parlament
3-A 9:00-10:15	<i>Break-Out Session</i> BT8: Network Planning & Assessment - 2		<i>Workshop</i> W2: Competences for Riding E-Bikes Safely
3-B 10:30-11:45	<i>Break-Out Session</i> BM3: Bicycle Simulators	<i>Break-Out Session</i> BT12: Understanding Bicycle Parking	<i>Break-Out Session</i> BT1: Women & Children & Mobility Justice
11:45-12:45	Lunch Break		
3-C 12:45-14:00	<i>Rethinking Session</i> R1: Rethinking Paradigms & Linear Assumptions in Cycling		<i>Rethinking Session</i> R2: Rethinking Privilege & Transport Mode Choices
3-D 14:15-15:30	<i>Rethinking Session</i> R3: Rethinking the Cycling Research & Education Agenda		<i>Workshop</i> W1: Gamestorming Change in Public Admin.
15:45-17:00	Closing Session		
From 18:30	Post-Conference Meet-Up <i>for those who stay in the area @ Wuppertaler Brauhaus</i>		



9:00

Arena

BT8: Network Planning & Assessment - 2

Moderator: Martina Lohmeier

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Evaluating willingness-to-pay for cycling infrastructure in Switzerland

Lucas Meyer de Freitas (ETH Zürich)

The radical monopoly of cars and its alternatives: Athens amidst other European metropolises

Orestis Paschalinas

Cost benefit analysis and bicycle infrastructure investments are friends

Mads Paulsen (DTU)

Analysing Regression Methods to Estimate Network-Wide Bicycle Traffic Volumes Based on
Crowdsourced GPS-Data

Emely Richter (TU Dresden)

Building an Agent-Based Traffic Model To Investigate Cycling in the Ruhr Region

Gregor Rybczak (TU Berlin)

Cubicles

Bonus Session

Various Topics - sign-up during conference

Mobile Behavior and Orientation for the Common Good

Harald Schuster (FernUniversität Hagen)

Cycling Sports: Considering Future PhD Research

Maik Bock (University of Kassel)

Bicycle Kitchens

Jonnes Silonsaari (Urban Cycling Institute)

Daniel Valentini (SLU Uppsala)

Communicating Your Ideas

George Liu (Urban Cycling Institute)

Parlament

W2: Competences for Riding E-Bikes Safely

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Competences for riding e-bikes safely – And what role does the infrastructure play?

Daniel Baehler (Büro für Mobilität AG)

Andreia Dinis Pinto (University of Lausanne)

10:15

15 Minute Break



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10:30

Arena

BM3: Bicycle Simulators

Moderator: Jack Joseph Stockman

Infrastructure & Design

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Policy & Decision-Making

Chances and challenges in using bike simulators as a tool for studying cycling behavior

Donaji Martinez Garcia (German Aerospace Center (DLR))

Effects of gradient on bicyclists' behaviour – A work in progress presentation

Mathis Linnenbrink (University of Wuppertal)

Use of Bicycle Simulators to Better Promote and Communicate Bicycle Projects to Project Stakeholders

Jack Joseph Stockman (University of Wuppertal)

Cubicles

BT12: Understanding Bicycle Parking

Moderator: Danil Belikhov

Infrastructure & Design

Culture & Attitude

Modelling & Simulation

Policy & Decision-Making

Effectiveness of traffic signs to prevent fly parking

Rolien Holster (TU Delft)

Bicycle Parking Requirements in Building Codes – A Comparison of German Cities

David Kohlrantz (RWTH Aachen)

What do we do with all the bikes? Residential bicycle parking in established urban neighborhoods

Julia Sievert (TU Hamburg)

Parlament

BT1: Women & Children & Mobility Justice

Moderator: Meredith Glaser

Infrastructure & Design

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Policy & Decision-Making

Advancing inclusion and equity in active transport in cycling cities

Bárbara Oliveira Soares (Urban Cycling Institute)

Rethinking elementary school cycling training

Verena Röhl (TU Berlin)

Influence on well-being of modal choice of school children on their trip to school

Jonathan Sacht (University of Kassel)

Rotterdam Moslima: Ventrolquism and the creative power of cycling as a form of mobility justice

Michael Tahmoressi (TU Delft)

11:45

Arena

Lunch



12:45

Arena &
Cubicles

R1: Rethinking Paradigms & Linear Assumptions in Cycling

Infrastructure & Design | Culture & Attitude | Modelling & Simulation | Policy & Decision-Making | Research & Education

Thinking about change / Learning from uncontrollability

Peter Cox (University of Chester)

Justin Spinney (Cardiff University)

Parlament

R2: Rethinking Privilege & Transport Mode Choices

Infrastructure & Design | Culture & Attitude | Modelling & Simulation | Policy & Decision-Making | Research & Education

How privileges (and the lack of such) affect our transport mode choices

Christina Rutka (RheinMain University of Applied Sciences)

Denise Kramer (Technical University of Applied Sciences Wildau)

Franziska Palm (RheinMain University of Applied Sciences)

14:00

15 Minute Break

14:15

Arena &
Cubicles

R3: Rethinking the Cycling Research & Education Agenda

Infrastructure & Design | Culture & Attitude | Modelling & Simulation | Policy & Decision-Making | Research & Education

Whither cycling research? A collaborative identification of policy-relevant research priorities

Samuel Nello-Deakin (Autonomous University of Barcelona)

Rethinking the future of cycling education

Heather Kaths (University of Wuppertal)

Cat Silva (University of Wuppertal)

Matthias Schaarwächter (University of Wuppertal)

Parlament

W1: Gamestorming Change in Public Administration

Infrastructure & Design | Culture & Attitude | Modelling & Simulation | Policy & Decision-Making

Change management: Fostering innovative municipalities

Jana Fliegel (Velokonzept GmbH)

15:30

15 Minute Break

15:45

Arena

Closing Session

with the CRBAM23 Organizing Team and Steering Committee

Heather Kaths (University of Wuppertal)

Cat Silva (University of Wuppertal)

Marco te Brömmelstroet (Laboratory of Thought)





Conference Awards

Best Camper Award

These award is presented by the **Steering Committee of the Cycling Research Board** to the author(s) of high-quality abstracts that fully embraced the spirit of #CRBAM, our CAMPING principles (**C**reative, **A**ccessible, **M**utable, **P**leasurable, **I**nspiring, **N**urturing, **G**round-Breaking), and demonstrate innovative and radical thinking.

Gheysa Prado, Helena Strömberg, Pontus Wallgren (*Federal University of Paraná & Chalmers University of Technology*)
Details that disrupt – Investigating the relationship between the sense of flow and cycling infrastructure

Pookhao Chinpongsuwan & Mario Boot (*University of Twente*)
Exploring the potential of fNIRS in capturing subjective cycling experiences

Verena Röhl, Diana Stage, Jurik Stiller, Julia Becker, Detlef Pech, Christine Ahrend (*Technical University of Berlin & Humboldt University of Berlin*)
Rethinking elementary school cycling training

Lucas van der Meer (*University of Salzburg*)
Happiness is in the journey: A different view on accessibility in the cycling city

Most Engaging Session Award

This award was selected by **audience choice** at the Closing Session of CRBAM23.

Session: BT: Women & Children & Mobility Justice

Moderator: Meredith Glaser (*Urban Cycling Institute*)

Facilitators: Jonnes Silonsaari (*Urban Cycling Institute*), Denise Kramer (*Technical University of Applied Sciences Wildau*)

Speakers: Bárbara Oliveira Soares (*Urban Cycling Institute*), Verena Röhl (*TU Berlin*), Jonathan Sacht (*University of Kassel*), and Michael Tahmoressi (*TU Delft*)

Best Urban Design Rally Proposal Award

This award was selected by a **vote** of the CRBAM23 participants in attendance on Friday.

1st & 2nd Place

Site: Commercial backyard and Old heating and power station

Contributors: Maik Bock (*University of Kassel*), Denise Kramer (*Technical University of Applied Sciences Wildau*), A. Maria Salomons (*TU Delft*), Azeb Tesfaye Legese (*University of Kassel*)

3rd Place

Site: Pestlozz

Contributors: Peter Bird (*Eindhoven University of Technology*), Peter Cox (*University of Chester*), Marie Klosterkamp (*University of Kassel*), Jonathan Sacht (*University of Kassel*), Jack Stocman (*University of Wuppertal*), Christian Weiß (*PTV Transport Consult GmbH*)

Congratulations to the awardees!