



Social and Side Events

SOCIAL EVENTS

Wednesday, 10th October

20:00

Social Dinner

INGRACIA Events Barcelona

Carrer de Jesús 3, Barcelona

Thursday, 11th October

18:30 – 21:00

Bike ride through Barcelona

Start from CCCB

Practical information:

- The tour will start after the meeting
- You can leave your personal belongings in the conference venue
- Helmets, a bottle of water, snacks and refreshments on the way will be provided

SIDE EVENT

Friday, 12th October

09:00 – 16:30

Final Event

(Bus pick up will be at 07:45)

Applus+ IDIADA, Tarragona Spain

Practical information:

- Bus service from Barcelona city centre will be provided
- If you come in your own car, please follow the indications on google maps (see website) or ask the event organisers for a printed map

Wednesday, 10th October

08:30 – 09:00	Registration	
09:00 – 09:30	Opening Ceremony	
09:30 – 10:00	Keynote speaker: Adrià Gomila, Director of Mobility, Barcelona City Council “Initiatives and strategy for cycling safety and mobility in the city of Barcelona”	
10:00 – 11:00	Special Interest Session: Aliaksei Lareshyn, Ilona Cieslik and Luca Pietrantoni “Cycling Safety in EU-Funded Projects: InDev, PROSPECT & XCYCLE projects”	
11:00 – 11:20	1-minute poster elevator pitches	
11:20 – 11:40	Poster Session & Coffee Break	
11:40 – 13.10	SS1 Safe Cyclist mobility 📍 Room: Hall Chairman: Irene Isaksson-Hellman	SS2 Methodologies for accidentology, naturalistic observations and simulation studies 📍 Room: Auditorium Chairman: Tibor Petzold
	4. <i>A very high resolution bicycle flow model</i> Loidl Martin, University of Salzburg 15' + Q&A	19. <i>Simulated single bicycle crashes in the VTI crash safety laboratory</i> Anna Niska, Swedish National Road and Transport Research Institute, VTI 12' + Q&A
	27. <i>Cyclists' speed: field observations and measurements</i> Jenny Eriksson, Swedish National Road and Transport Research Institute, VTI 15' + Q&A	28. <i>Circumstances of accidents between heavy trucks and bicyclists and implications for vehicular countermeasures</i> Dr. Axel Malczyk, German Insurers Accident Research, GDV 12' + Q&A
	77. <i>Can event-based exposure measures help to explain the Safety-in-Numbers phenomenon?</i> Carl Johnsson, Lund University 15' + Q&A	51. <i>Blind spot crashes between vulnerable road users and heavy goods vehicles in Belgium</i> Tim De Ceunynck, Vias institute 12' + Q&A
	87. <i>A predictable green phase for cyclists</i> Arjan Stuiver, University of Groningen 15' + Q&A	57. <i>Identification of causes in single sided bicycle accidents using Systems-Theoretic Accident Model and Process (STAMP)</i> Marco Reijne, Delft University of Technology 12' + Q&A
	101. <i>Development of a Bicycle and Pedestrian Counting Program to Evaluate Crash Exposure in Iowa, USA</i> Steven Spears, University of Iowa 15' + Q&A	89. <i>Psychosocial factors associated with bicycle crashes involvement and severity: a European study</i> Federico Fraboni, University of Bologna 12' + Q&A



13:10 – 14:10 **Lunch & Poster Session**

14:10 – 14:35 **Keynote speaker:** Òscar Llatje, Road Safety Coordinator of Catalan Traffic Service (SCT)
"Bicycle accident statistics and safe cycling awareness"

14:35 – 16:05

SS3
 Safe Cyclist Behaviour (session 1)
 📍 Room: **Hall**
 Chairman: **Marjolein Boele**

21. *A Comparison Analysis on Cycling and Driving Behaviour between Designs of Pictograms on Shared Roadways*
 Mio Suzuki,
 Tokai University
 15' + Q&A

22. *Bicyclist-bicyclist social influence at signalized intersections as a mechanism of safety in numbers: An exploratory study*
 Eric Vance Martin,
 Indiana University
 15' + Q&A

30. *Speed and space perception in virtual reality for bicycle research*
 Mohsen Nazemi,
 ETH Zurich University
 15' + Q&A

46. *The behaviour of speed pedelec riders after the change in legal status: a naturalistic riding study*
 Gert Jan Wijnhuizen,
 SWOV
 15' + Q&A

73. *Comparison of cyclists' and pedelec-users gaze behaviour at real-world intersections*
 Oliver Ondrejka, ÖAMTC
 Marktforschung & Customer Experience
 15' + Q&A

99. *Investigation of traffic conflicts between cyclist and motor vehicles at signalised intersections in Warsaw*
 Paweł Włodarek, Warsaw University of Technology
 12' + Q&A

SS4
 Road design, infrastructure urban elements and traffic regulation
 📍 Room: **Auditorium**
 Chairman: **Kari Watkins**

26. *Improving Cyclists' Road Safety in Longitudinal Traffic along Curb-Side Parked Vehicles – Avoiding the Door-Zone*
 Sheila Burger, KFV (Kuratorium für Verkehrssicherheit), Austrian Road Safety Board
 12' + Q&A

114. *The effect of speed limit reductions on cyclists' injury severity in collisions with passenger cars in urban areas*
 Irene Isaksson-Hellman,
 If P&C Insurance
 12' + Q&A

43. *Bicycling infrastructure and injury risk to bicyclists in United States cities*
 Jessica Cicchino, Insurance Institute for Highway Safety
 12' + Q&A

48. *Determining the necessary width of a bicycle lane by means of simulations on a bicycle-rider model*
 Arend L. Schwab, Delft University of Technology
 12' + Q&A

54. *The relative impact of cyclists' appearance and infrastructure layout on speed and lateral distance while overtaking bicyclists: a simulator approach*
 Anja Katharina Huemer, Braunschweig University of Technology
 12' + Q&A

66. *Using empirical data to identify changes to the road infrastructure for safe cycling*
 Lynn Meuleners,
 Curtin University
 12' + Q&A

16:05 – 16:35 **Coffee Break & Poster Session**

16:35 – 18.05

SS5

Cyclist-driver interaction: driver behaviour (session 1)

📍 Room: **Hall**

Chairman: **Divera Twisk**

2. *Validating ‘Dutch Reach’: A Preliminary Evaluation of Far-Hand Door Opening and its Impact on Car Drivers’ Head Movements*

David R. Large, University of Nottingham

15' + Q&A

8. *What were they thinking: Using Positive Psychology insights to meet cyclists’ and motorists’ challenges of seeing one another’s perspectives in traffic conflicts*

Richard Barter, Share the Road Campaign, Cycling Action Network, New Zealand

15' + Q&A

12. *When drivers overtake cyclists: how does speed affect feelings of safety*

Elisabeth Rubie, Queensland University of Technology

15' + Q&A

20. *Online situation and risk assessment: Improving cyclists’ safety in intersections*

Mandy Dotzauer, German Aerospace Centre

15' + Q&A

SS6

E-bikes safety

📍 Room: **Auditorium**

Chairman: **Christopher Cherry**

3. *Characteristics of single-vehicle crashes with e-bikes in Switzerland*
Patrizia Hertach, Swiss Council for Accident Prevention (bfu)

12' + Q&A

115. *Can a unique appearance of e-bikes (coupled with information on their characteristics) influence driver’s gap acceptance?*
Katja Schleinitz, Chemnitz University of Technology

12' + Q&A

17. *E-bikes and accident risk - survey results from Norway*
Aslak Fyhri, Institute of Transport Economics

12' + Q&A

41. *Benefit estimation of an eBike Antilock-Braking System (ABS) based on simulation of real world accidents*
Joerg Moennich, Robert Bosch GmbH

12' + Q&A

42. *Bicycle crashes involving conventional and e-bikes in a population of +45 year*
Bas de Geus, Vrije Universiteit Brussel

12' + Q&A

64. *E-bikers’ braking behaviour: Results from a naturalistic cycling study*
Pedro Huertas-Leyva, University of Florence

12' + Q&A

18:05 - 18:15 **Closing statement of the day**

20:00 – 22:00 **Social dinner**

09:00 – 09:30	<p>Keynote speaker: Ceri Woolgrove, Policy Officer, European Cyclists' Federation (ECF) "Cycling road safety and European Union policy"</p>	
09:30 – 09:50	<p>Keynote speaker: Andrés Aparicio, Senior Manager ADAS and Automated Driving, Applus+ IDIADA "Test and assessment of new cyclist safety technology in cars"</p>	
09:50 – 11:20	<p>SS7 Cyclist behaviour (session 2) 📍 Room: Auditorium Chairman: Marco Dozza</p>	<p>SS8 Safety of children and young bicyclists 📍 Room: Hall Chairman: Mònica Pla</p>
	<p>64. <i>Low Vision and Pedal Electric Cycling</i> Bart Jelis, University of Groningen 15' + Q&A</p>	<p>56. <i>Predictors of self-reported risky cycling behaviour in young adolescents</i> Divera Twisk, Queensland University of Technology 15' + Q&A</p>
	<p>49. <i>Actual and perceived risk of bicycle crash types among older cyclists</i> Paul Schepers, Utrech University 15' + Q&A</p>	<p>98. <i>Children injured in bicycle crashes</i> Amanda Axelsson, Folksam Research 15' + Q&A</p>
	<p>72. <i>Measurement method for objective cyclist behaviour parameters</i> Riske Meijer, TNO 15' + Q&A</p>	<p>35. <i>An exploratory study on the perception of the safety of cycling children aged between 8 and 14 years</i> Annika Johnsen, Institute for Empirical Sociology 15' + Q&A</p>
	<p>71. <i>Development and evaluation of a PC-based hazard anticipation training for cyclists</i> Marjan Hagenzieker, Delft University of Technology 15' + Q&A</p>	<p>60. <i>Inventory of child bicycle education programs reveals need for age, development, and skill-level considerations</i> Cara Hamann, University of Iowa 15' + Q&A</p>
	<p>102. <i>Cycling Skill Inventory: Assessment of motor-tactical skills and safety motives</i> Marjan Hagenzieker, Delft University of Technology 15' + Q&A</p>	

11:20 – 11:45	Keynote speaker: Justo Sancho, Chief of service. Deputy Directorate of Vehicles at Directorate General of Traffic (DGT) <i>“E-bike regulation challenges”</i>	
11:45 – 12:00	1-minute poster elevator pitches	
12:00 – 12:20	Poster Session & Coffee Break	
12:20 – 13:30	SS9 Cyclist-driver interaction: driver behaviour (session 2) 📍 Room: Hall Chairman: Carmen Hagemeister	SS10 Cyclist-driver interaction: active safety systems and automated vehicles (session 1) 📍 Room: Auditorium Chairman: Marjan Hagenzieker
	50. <i>Nudging the attention of drivers towards possibly hazardous situations with cyclists</i> Jeroen Uittenbogaard, TNO 15' + Q&A	18. <i>A longitudinal Simulator Study to Evaluate Driver Acceptance of the PROSPECT Proactive Safety System for Cyclists</i> David R. Large, University of Nottingham 15' + Q&A
	67. <i>Assessing the safety criticality of driver behaviour for cyclists at intersections based on infrastructure, driver gaze and driving behaviour</i> Irene Gohl, Bundeswehr University Munich 15' + Q&A	65. <i>A new framework for modelling road-user interaction and evaluating active safety systems</i> Jordanka Kovaceva, Chalmers University of Technology 15' + Q&A
	74. <i>Drivers' behaviour overtaking a bicycle peloton on two-lane rural roads</i> Sarah Moll, Polytechnic University of Valencia (UPV) 15' + Q&A	85. <i>Constant bearing angle as a visual cue for avoiding collisions with bicycles</i> Esko Lehtonen, Chalmers University of Technology 15' + Q&A
		36. <i>Interactions between cyclists and automated vehicles: results of an international photo-based survey</i> Ana Rodríguez Palmeiro, Delft University of Technology 15' + Q&A

13:30 – 14:30

Lunch & Poster Session

14:30 – 15:40

SS11

In-bicycle devices to improve safety

📍 Room: **Hall**

Chairman: **Arend Schwab**

SS12

Cyclist-driver interaction: active safety systems and automated vehicles (session 2)

📍 Room: **Auditorium**

Chairman: **Andrés Aparicio**

11. *Safety-Oriented Driver Assistance Systems for Electric Bicycles*

Daniel Görge, Kaiserslautern University of Technology

15' + Q&A

106. *Study of the application of evasive steering actions for car-to-bicyclist collision avoidance strategies*

Álvaro Esquer, Applus+ IDIADA

15' + Q&A

121. *Design and implementation of a steer-by-wire bicycle*

George Dialynas, Delft University of Technology

15' + Q&A

68. *Assessment of Improved Direct and Indirect vision measures for Heavy Goods Vehicles on Cyclist Casualties*

Arun Kalaiyarasan, Transport Research Laboratory

15' + Q&A

55. *Navigation for bicyclists: Usability of a peripheral LED system*

Anja K. Huemer, Braunschweig University of Technology

15' + Q&A

69. *Improving cyclist safety: Challenges in designing effective Autonomous Emergency Braking systems for passenger cars*

Henri Chajmowicz, LAB

15' + Q&A

61. *An Investigation into the Effect of Audio Delivery on Cyclists' Attention Span*

Serpil Acar, Loughborough University

15' + Q&A

108. *Car-to-bicyclist scenario simulations for identification of additional factors to be considered in the benefit assessment of integrated safety systems*

Núria Parera, Applus+ IDIADA

15' + Q&A

15:40 – 16:10

Poster Session & Coffee Break

16:10 – 17:00

Closing Statement of the Conference, Awards Ceremony & Presentation of ICSC 2019

18:30 – 21:00

Bicycle tour