



# Programme

5-7 OCTOBER 2023, LIMASSOL, CYPRUS

**Thursday, 5 October**

**Room: Emerlad**

1:30pm	Welcome by the organizers	
1:40pm	Conference Opening	
1:40pm	DAT Announcement (Mr. Elmar Groß)	
1:50pm	Keynote Speaker Mr. Charis Evripidou, Cyprus Traffic Department Deputy Director, Republic of Cyprus	
2:10pm	Welcome by the EVU board	
2:20pm	Miscellaneous	Chaired by: Dr. Andreas Loizou
	BEV Accidents - Consequences in Case of a Battery Thermal Runaway <b><u>Dr. Rico Tschirschwitz, Dr. Sarah-K. Hahn, Prof. Ulrich Krause</u></b>	
	Benefits of using internal system videos for forensic accident reconstruction <b><u>Mr. Andreas Feuerer, Prof. Klaus Böhm</u></b>	
3:00pm	Coffee Break	
3:30pm	Biomechanics & Injury	Chaired by: Ms. Stefanie Ritter
	Development of muscle activity in the Biofidel-Dummy to improve realistic collision sequences <b><u>Mrs. Sandra Beutin, Prof. Lars Hannawald</u></b>	
	Adiposity and related Injury Risk <b><u>Mr. Andreas Schäuble, Mr. Tayfun Durak</u></b>	
	Performance of new-brand vehicles in RCAR tests with emphasis on seat protection potential and damage patterns <b><u>Ms. Melanie Kreutner</u></b>	
	A Linear Spring Model of Low Speed Front-Rear Collisions combined with Damage and Injury <b><u>Dr. Denis Wood, Dr. Naoya Nishimura, Mr. Colin Glynn, Dr. Ciaran Simms</u></b>	
5:00pm	General Assembly	
6:30pm	Welcome Reception	

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**Friday, 6 October**

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9:00 am	Keynote Speaker <b>Mr. Alexis Vafeades</b> - Minister of Transport, Communications and Works, Republic of Cyprus
9:20am	Commercial vehicles Chaired by: Mr. Ian White
	Manipulation of first and second generation tachographs and their impact on road safety and the transport market <b>Mr. Krzysztof Nowak, Mr. Józef Kołcon</b>
	Load securing test and simulation <b>Mr. Christian Hittinger, Dr. Andreas Moser</b>
	Truck emergency braking and role of load restraining in road transport safety <b>Dr. Ebrahim Riahi, Dr. Daniel Lechner, Dr. Jérôme Rebelle, Dr. Thierry Serre</b>
	The unchallenged acceptance of road tanker accidents <b>Dr. Erik Eenkhoorn</b>
10:40am	Coffee Break
11:10am	Reconstruction Chaired by: Dr. Andreas Moser
	The Race Car Accident with Fatal Injuries - Case Study <b>Mr. Berislav Barisic-Jaman</b>
	Probability analysis and uncertainty theory: useful methods for the reconstruction expert <b>Prof. Horst Ecker</b>
	Energy loss evaluation based on Artificial Intelligence algorithms <b>Dr. Monica Meocci, Dr. Filippo BeganiSerre</b>
	The Difference in Parameters of Driving Dynamics of a Vehicle with Various Powertrains <b>Dr. Martin Bilík, Mr. Jan Haniška, Dr. Albert Bradáč, Prof. Marek Semela, Mr. Michal Křížák, Mr. David Jelínek, Dr. Roman Mikulec, Mr. Martin Rak, Dr. Michal Belák, Mr. Tomáš Bilík, Dr. Pavel Maxera</b>
12:30am	Lunch



**Friday, 6 October**

**Room: Emerlad**

<b>2:00pm</b>	Road Safety Chaired by: Dr. Dragoş Sorin Dima
	<p>Road Safety Audits and Road Safety Inspections in minor road sections are important logic components for accident prevention and accident investigation <b><u>Prof. Ernst Pflieger</u></b></p> <p>How to Assess the Dangerousness of Driving Situations at Pedestrian Crossings <b><u>Dr. Pavel Maxera, Prof. Robert Kledus, Prof. Marek Semela, Dr. Martin Bilík, Dr. Albert Bradáč</u></b></p> <p>Preliminary results of implementing the velocity reducing measures for motorcycle riders <b><u>Dr. Miha Ambrož, Prof. Robert Kunc</u></b></p> <p>Braking and acceleration capabilities of e-bicycles, e-scooters and e-monowheels <b><u>Mrs. Claire Naude, Dr. Ebrahim Riahi, Mr. Bastien Canu, Mr. Lucas Herbin, Ms. Fanny Vincent, Dr. Thierry Serre</u></b></p>
<b>3:20pm</b>	Coffee Break
<b>3:50pm</b>	ADAS Chaired by: Ms. Melanie Kreutner
	<p>Institute of Traffic Accident Investigators Crash Day 2023 <b><u>Mr. Jan White</u></b></p> <p>Performance of Automatic Speed Sign Recognition and Adaptive Speed Adjustment of Real Vehicles on German Roads <b><u>Mr. Berislav Barisic-Jaman, Mr. Maximilian Bauder, Mr. Daniel Paula, Mr. Thomas Fehringer, Mr. Tibor Kubjatko, Prof. HansGeorg Schweiger</u></b></p> <p>Systematic investigation of influences on advanced driver assistance systems for accident reconstruction <b><u>Mr. Daniel Paula, Mr. Maximilian Bauder, Mr. Claus Pfeilschifter, Mrs. Khotan Hosseinpour, Prof. Hans-Georg Schweiger</u></b></p> <p>Development of a Test Method for Verifying a Vehicle FrontCamera using External Stimulation <b><u>Mr. Robin Langer, Mr. Daniel Paula, Prof. Klaus Böhm, Prof. Hans-Georg Schweiger</u></b></p>
<b>6:45pm</b>	Gala Dinner

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**Saturday, 7 October**

**Room: Emerlad**

<b>9:00am</b>	Data 1	Chaired by: Mr. Chris Goddard
	<p>The application of ISA of vehicles such as LKW and Buses in accident reconstruction <b>Prof. Uzi Raz, Mr. Avner Rosengarten</b></p> <p>Dashcam analysis <b>Mr. Matthias Schmidt</b></p> <p>An Airbag ECU Contradicts Itself: Discrepancies and Reverse Engineering of EDR Data <b>Dr. Ingo Holtkötter</b></p> <p>Evaluation of CDR crash tests <b>Dr. Peter Vertal, Dr. Lubos Nouzovsky, Dr. Zdenek Svaty, Dr. Michal Frydryn, Dr. Eduard Kolla</b></p>	
<b>10:20am</b>	Outlook to the 2024 Conference	
<b>10:30</b>	Coffee Break	
<b>11:00am</b>	Data 2	Chaired by: Mr. Yves Page
	<p>Accuracy evaluation for GPS fitness trackers <b>Mr. Julian Simader, Dr. Andreas Moser, Dr. Hermann Steffa</b></p> <p>Case study of accident crash data in mobile phones <b>Mr. Cor van der Kamp, Mr. Karlon Hagendoorn</b></p> <p>Validity of iPhone speed loggings under crash conditions <b>Mr. Aart Spek, Mr. Karlon Hagendoorn, Mrs. Anda Knol</b></p>	
<b>12:00am</b>	Closing Ceremony	
<b>12:30am</b>	Farewell Lunch	