

interactIve – eCoMove Joint Final Event

November 20-21, 2013

Eurogress Aachen, Germany

Conference programme

Day 1, November 20, 2013

Start – end time	Main topic
09:00 – 09:30	<i>Welcome coffee</i>
09:30 – 10:30	Registration
	Press Conference
	Opening Ceremony/ exhibition walk and eCoMove demonstrations for the press
10:30-11:30	<ul style="list-style-type: none"> • Welcome Address • Keynote speech I: ADAS: Where will we go?, Bernd Gottselig, Director Active Safety, Ford of Europe • Keynote speech II: From driver assistance to automation: European perspectives for smart driving, Juhani Jääskeläinen, Advisor for the ICT for Transport & Energy, DG CONNECT, European Commission • Keynote speech III: Cooperative traffic management for energy efficient road networks, Hermann Meyer, Chief Executive Officer, ERTICO - ITS Europe
	<i>Introduction to the projects, key results and lessons learnt</i> <ul style="list-style-type: none"> • Christoph Kessler, interactIve Coordinator, Ford Research and Advanced Engineering Europe • Jean-Charles Pandazis, eCoMove Coordinator, ERTICO - ITS Europe
11:30 – 12:30	Ribbon cutting ceremony and exhibition opening
12:30 – 13:30	<i>Lunch, networking and exhibition</i>
	Conference sessions/ eCoMove demonstrations

<p>13:30 – 15:30</p>	<p>Building the future on advanced driver assistance systems (ADAS) - the interactive results (<i>thematic presentations</i>)</p> <ul style="list-style-type: none"> • <i>Safety enhancement through continuous driver support - Development and evaluation results, Andrea Saroldi, CRF</i> • <i>Integrated Collision Avoidance and Vehicle Path Control for passenger cars and commercial vehicles - Development and evaluation results, Lars Bjelkeflo, Volvo Group</i> • <i>Cost-efficient emergency intervention for Collision Mitigation - Development and evaluation results, Thomas Wohllebe, Volkswagen</i> • <i>Impact Assessment Methodology and results, Adrian Zlocki, Felix Fahrenkrog, ika</i> • <i>Perception platform and fusion modules results, Angelos Amditis, ICCS, Lali Gosh, Delphi</i> • <i>Information, Warning and Intervention strategies, Emma Johansson, Volvo Group</i> 	<p>Cooperative mobility services to achieve greener transport - the eCoMove results (<i>thematic presentations</i>)</p> <ul style="list-style-type: none"> • <i>Reduction of inefficiencies as basis of the eCoMove approach, Detlef Kuck, Ford Research Centre</i> • <i>eCoMove solution integrating Cooperative technologies and systems for drivers, logistics and road network managers (i.e. architecture, communication, ecoMap, ...), Tijn Schmits, EXCEPT</i> • <i>Prediction models and strategies necessary to: <ul style="list-style-type: none"> ○ ...manage the road network, Paul Mathias, MAT.TRAFFIC ○ ...assess driver behaviour and derive optimal recommendations, Philipp Themann, ika </i> • <i>Application use cases based on vehicle-infrastructure interaction, Jaap Vreeswijk, Imtech/PEEK</i> • <i>Evaluation framework and eCoMove results, Philipp Gilka, DLR</i>
<p>15:30 – 16:15</p>	<p>Coffee break/ exhibition/ eCoMove demonstrations</p>	

Conference sessions (continued)	
16:15 – 17:30	<p>Perception platform and sensor fusion in interactiVe</p> <ul style="list-style-type: none"> • <i>Frontal/Side-rear Object Perception and all around track id maintenance</i>, Angelos Amditis, Nikos Floudas, ICCS • <i>A Road Edge Detection approach</i>, Florian Janda, University of Passau • <i>Realtime monocular camera based pedestrian recognition for object based fusion and confirmation</i>, Mirko Meuter, Delphi • <i>Near Range Perception for pre-crash applications with laser and radar sensors</i>, Markus Schuetz, Daimler • <i>Frontal Objects Perception and moving objects classification using laser and monovision</i>, Olivier Aycard, University of Grenoble1 • <i>Dynamic Scene Classification</i>, Anastasia Bolovinou, ICCS
17:30-20:00	<p><i>Social event</i></p>

Towards deployment of eCoMove

- *How do we get eCoMove on the road – Findings and lessons learned*, **Isabel Wilmink**, TNO
- Round table discussion with key invited stakeholders, **Moderator Paul Kompfner**, ERTICO-ITS Europe:
 - *User compliance*
 - *Business models*
 - *Remaining barriers to deployment*
 - *Energy footprint*

Day 2, November 21, 2013

08:00 – 09:00	<i>Welcome coffee/driving demo registration</i>	
08:30	1st Shuttle to Lommel Start of eCoMove demonstrations	
	Conference sessions	
09:00 – 10:00	Evaluation and Impact Assessment of Active Safety Systems in interactive <ul style="list-style-type: none"> • <i>Overall Evaluation Methodology in interactive</i>, Felix Fahrenkrog, ika • <i>User-related Assessment in interactive: From simulator studies to field tests</i>, András Varhelyi, University of Lund • <i>Safety Impact Assessment: How to calculate the impact of the interactive functions</i>, Martijn van Noort, TNO • <i>Legal Aspects of Active Safety Systems</i>, Tom Gasser, BAST 	eCoMove solutions: driver focus <ul style="list-style-type: none"> • <i>Training strategies</i>, Joakim Gudmunsen, Go Green, Sweden • <i>Trip planning and route choice</i>, Florian Krietsch, PTV, and Stéphane Dreher, HERE • <i>Driving support</i>, Luisa Andreone, CRF, and Guillaume Vernet, Volvo
10:00 – 11:00	<i>Coffee break/ exhibition/ eCoMove demonstrations</i>	
10:30	2nd Shuttle to Lommel	
11:00 – 12:00	Information, Warning and Intervention strategies in interactive <ul style="list-style-type: none"> • <i>Bridging the gap between driver and vehicle: Human factors research in interactive</i>, Emma Johansson, Volvo Group • <i>Outlook: Human factors - Future research directions</i>, Anna Schieben, Tobias Hesse, DLR 	eCoMove solutions: network focus <ul style="list-style-type: none"> • <i>etwork usage, routing and parking</i>, Jonas Lüssman, TUM • <i>reen cooperative intersection</i>, Robbin Blokpoel, Imtech/PEEK and Ronald van Katwijk, TNO

12:00 – 13:00	Lunch/ exhibition/ eCoMove demonstrations	
12:30	3rd Shuttle to Lommel	
	Conference sessions (continued)	
13:00 – 15:00	<p>interactIVe applications and technologies</p> <ul style="list-style-type: none"> • <i>Artificial co-drivers as enabling technology for future intelligent vehicles and transportation system, Mauro Da Lio, University of Trento</i> • <i>Driver modeling for an adaptive Collision Mitigation system, Stefan Griesche, DLR</i> • <i>Vehicle Dynamics Model & Path Stability Control Algorithms, Mathias Lidberg, Chalmers</i> • <i>interactIVe demonstrator vehicles, Agneta Sjögren, Volvo Group</i> <p>... concluding:</p> <ul style="list-style-type: none"> • <i>Lessons learnt and next steps, Aria Etemad, Volkswagen</i> 	<p>eCoMove backbone and results</p> <ul style="list-style-type: none"> • <i>Core technologies developed in eCoMove</i> <ul style="list-style-type: none"> • <i>Communication platform and ecoMessages, Ola Martin Lykkja, Q-Free and Francesco Alesiani, NEC</i> • <i>ecoMap and eco Cooperative Horizon, Johannes Stille, HERE</i> • <i>Models to describe, predict and optimize traffic and the environment: <ul style="list-style-type: none"> ○ <i>in vehicles: ecoSituational Model, Philipp Themann, ika</i> ○ <i>in the traffic network: ecoStrategic Model and ecoEmission Estimation, Isabel Wilmink, TNO</i> </i> • <i>validation and impact assessment: detailed approach and results, Maria Staubach, DLR</i> • <i>owards deployment of eCoMove: conclusion from first day round table, Paul Kompfner, ERTICO-ITS Europe</i>
15:00	End of conference & coffee break	
16:30	End of demonstrations and exhibition	