



**Final programme for technical sessions
TRA 2010**

7-10 June 2010, Brussels

Version 23th of April, 2010

1:1	Plenary Session
	Opening Session
	Monday, June 7, 2010 - from 10:00 to 11:30 hours
	Moderator:
1.	Chris Caestecker Chairman of TRA 2010 Management Committee
2.	Freddy Thielemans Mayor of Brussels
3.	Ivars Pāže Chairman of CEDR 2010
4.	Wolfgang Steiger Chairman of ERTRAC
5.	Siiim Kallas Vice-President of the Commission, Commissioner of Transport
6.	Maire Geoghegan-Quinn Commissioner for Research and Innovation
7.	Etienne Schouppe Federal Secretary of State Mobility

2:1	Plenary Session
	Energy use and sustainability in transport
	Monday, June 7, 2010 - from 13:30 to 15:00 hours
	Moderator: Zoran Stančić
1.	Neelie Kroes Vice-President of the Commission, Commissioner for Digital Agenda
2.	Matthias Ruete Director General DG Mobility and Transport
3.	Panos Cavoulacos Chairman of the European Petroleum Industry Association
4.	Marc Papinutti Director of transport infrastructure

3:1	Parallel Strategic Session	
	The European green cars initiative	
	Monday, June 7, 2010 - from 15:45 to 17:00 hours	
	Moderator: Wolfgang Steiger	ERTRAC Chairman, Director future technologies Volkswagen AG
1.	András Siegler Transport Director, DG Research, European Commission, "Contribution of the Green Cars Initiative for the de-carbonisation of road transport"	EC
2.	Gunter Lugert EPoSS, Corporate Technology Siemens AG	Germany
3.	Nevio Di Giusto ERTRAC, President & CEO Centro Ricerche Fiat, "Towards the de-carbonisation of road transport from a vehicle manufacturer's perspective"	Italy
4.	Miguel A. Sánchez Fornié Smartgrid, Director of Control Systems and Telecommunications, IBERDROLA, "Smart Grids: the definitive enabler to integrate the green car into the European grids"	Spain

3:2	Parallel Strategic Session	
	Integrated traffic management	
	Monday, June 7, 2010 - from 15:45 to 17:00 hours	
	Moderator: Dean Herenda	EasyWay
1.	Jean-Baptiste Lesort Deputy Scientific director at INRETS, Chairman of the steering committee at NEARCTIS European Network of excellence, "The future of co-operative systems for integrated traffic management"	France
2.	Juhani Jääskeläinen EC DG INFSO Head of Unit G4, "Emerging ITS technologies"	EC
3.	Daniel Krajzewicz DLR, (German Insitut for transport systems), "Intelligent decision support for traffic management"	Germany
4.	Hans van Lint TUDelft, "Advanced traffic monitoring"	The Netherlands
5.	Richard Harris Director, Intelligent Transport Systems, Logica, "Improving emissions through urban traffic control"	United Kingdom

3:3	Parallel Strategic Session	
	Safer transport	
	Monday, June 7, 2010 - from 15:45 to 17:00 hours	
	Moderator: <i>Helen Köpman</i>	Deputy Head of Unit, DG INFSO-G4
1.	<i>Claes Tingvall</i> Director of Traffic Safety, Swedish Road Administration, "An integrated approach to safety"	Sweden
2.	<i>Isabelle Kardacz</i> Head of Unit, Road Safety, Mobility and Transport Directorate General, European Commission, "Towards a European road safety area: Strategic guidelines for road safety up to 2020"	EC
3.	<i>Peter Urban</i> Head of Business Area Safety, Head of Departments Body ad Driver Assistance, Forschungsgesellschaft Kraftfahrwesen mbH Aachen, Chairman of Task Force "Safety" at EARPA, "Decarbonisation and safety of road transport"	Germany
4.	<i>Luisa Andreone</i> Product Research, European Network, Centro Ricerche Fiat S.C.p.A.-(CRF), "Safer transport in safer roads: vehicle and road connectivity for a safer future mobility"	Italy

4:1	Plenary Session	
	Future transport	
	Tuesday, June 8, 2010 - from 09:00 to 10:15 hours	
	Moderator: Claude Van Rooten	CEDR
1.	Anne E. Jensen Member of the European Parliament	
2.	Robert Bertini Deputy Administrator, US Department of Transportation (DoT), Research and Innovative Technology Administration (RITA)	
3.	Josef Kunz General Director of roads in Germany	
4.	Jos Ding Director of transport and Environment T&E	
5.	Ulrich Hackenberg VW Board member and Head of R&D	
6.	Fred Wegman Director of SWOV (Road Safety Institute of the Netherlands)	

5:1	Parallel Strategic Session	
	ICT for energy efficiency	
	Tuesday, June 8, 2010 - from 11:00 to 12:15 hours	
	Moderator: Wolfgang Hoefs	EC
1.	Wolfgang Reinhardt Director, Regulatory affairs, ACEA, "Decarbonisation/electrification of mobility and the potential role of ITS"	Belgium
2.	Arie Bleijenberg Business unit director, Mobility and Logistics, TNO, "Can ICT help to reduce CO2 emissions?"	The Netherlands
3.	Angela Spence Mizar Automazione SpA, Innovation Unit, "Contribution of infrastructure-based ITS to energy efficiency"	Italy
4.	Jean-Charles Pandazis Head of Sector, ecoMobility, ERTICO –ITS Europe, "Cooperative mobility systems and services for energy efficiency"	Belgium
5:2	Parallel Strategic Session	
	The future of transnational research	
	Tuesday, June 8, 2010 - from 11:00 to 12:15 hours	
	Moderator: Claude Van Rooten	BRRC, Belgium
1.	George Giannopoulos Director, Hellenic institute of transport, co-chair of the ECTRI-TRB working group on EU-US transport research collaboration, "Transnational transport research cooperation: some results of recent cooperative work and recommendations"	Greece
2.	Debra Elston Director for corporate research, Federal Highway Administration, "International cooperation opportunities in the US research programmes"	USA
3.	Joris Al General director, Rijkswaterstaat Centre for transport and navigation, "Transport research cooperation between European national public programmes"	The Netherlands
4.	Arnoldas Milukas Head of Unit, Horizontal aspects and coordination, Transport Directorate, Research Directorate General, European Commission, "The current state of international cooperation research in the European 7th Framework Programme"	EC

5:3	Parallel Strategic Session	
	Cooperative Systems	
	Tuesday, June 8, 2010 - from 11:00 to 12:15 hours	
	Moderator: Juhani Jääskeläinen	HoU, INFSO-G4
1.	Thierry Van der Pyl Director, European Commission, Information Society and Media Directorate General, "Working towards a common European architecture for cooperative systems"	EC
2.	Matthias Schulze Senior Manager ITS & Services, Daimler AG, Group Research & Advanced Engineering, "Vehicle-to-vehicle and vehicle-to-infrastructure linkages"	Germany
3.	Ulrich Dietz "The role of the network mobile operators in cooperative systems"	Vodafone, Germany
4.	Robert Bertini Deputy Administrator, US Department of Transportation (DoT), Research and Innovative Technology Administration (RITA), "Connectivity enabling a safer, more efficient and sustainable multi-modal transportation"	USA
6:1	Parallel Thematic Session	
Pillar	Infrastructure	
II	Tuesday, June 8, 2010 - from 13:45 to 15:00 hours	
	Moderator: Tore Hoven	Norwegian Public Road Administration
1.	Tim Lonneux The START/DIABOLO project "Noordelijke ontsluiting Brussels Airport"("Enhanced accessibility of the Brussels Airport from the north")	Belgium
2.	Mihai Niculescu Challenges facing ITS implementation in new EU member states	Romania
3.	Eric Jeannière French road project appraisal tools : what's new ?	France
4.	Eugene J. O'Brien Identification of road irregularities via vehicle accelerations	Ireland

6:2	Parallel Thematic Session	
Pillar	Sustainable mobility and planning	
	Tuesday, June 8, 2010 - from 13:45 to 15:00 hours	
	Moderator: Hans Josef Boos	Germany
1.	Andrew Koh Competition between local authorities in the protection of sensitive areas	United Kingdom
2.	Hinko van Geelen Sustainable mobility : a well defined concept ?	Belgium
3.	Charlotte Stening Sustainable planning in cross-border regions - new methods developed in the Öresund region	Sweden
4.	Marco Aimo Boot CITY MOVE: new concept for urban delivery vehicles	Italy

6:3	Parallel Thematic Session	
Pillar	Traffic management and control	
	Tuesday, June 8, 2010 - from 13:45 to 15:00 hours	
II	Moderator: Stefanos Gouvras	EC
1.	Bernard Enright Management strategies for special permit vehicles for bridge loading	Ireland
2.	Pengjun Zheng Cross-site evaluation of impacts of traffic management and control measures	United Kingdom
3.	Bernard Blaszcak Dynamic traffic and safety management in Brussels	Belgium
4.	Rob McDonald Evaluation of on-bus communication over a wireless network	United Kingdom

6:4	Parallel Thematic Session	
Pillar I	Joint research needs and agendas	
	Tuesday, June 8, 2010 - from 13:45 to 15:00 hours	
	Moderator: <i>Jon Krokeborg</i>	Norwegian Public Road Administration
1.	<i>Steve Philips</i> Developments in the FEHRL strategic European road research programme	Belgium
2.	<i>Alexander Holleis</i> European assessment of global publicly funded automotive research - targets and approaches	Austria
3.	<i>Pedro Soutinho</i> A new approach to stimulate the participation of transport SMEs in FP7	Portugal
4.	<i>Debra Elston</i> Preparing for the future of transport: partnership in exploratory advanced research	USA

6:5	Parallel Thematic Session	
Pillar	Field Operational Tests	
	Tuesday, June 8, 2010 - from 13:45 to 15:00 hours	
	Moderator: Mr. Wolfgang Hoefs, senior Scientific Officer	ICT for Transport, DG INFSO
1.	<i>Marco Dozza</i> EuroFOT: constrains and trade-offs in testing hypotheses	Sweden
2.	<i>Ahmed Benmimoun</i> Challenges in analysing data from a field operational test of advanced drivers assistance systems: the euroFOT experience	Germany
3.	<i>Francisco Sánchez Pons</i> Requirements for data logging and experiences with a data logger in field trials	Spain
4.	<i>Mohamed Benmimoun</i> EuroFOT - Optimised data retrieval process for large scale field test: manageable by automation?	Germany
5.	<i>Maxime Flament</i> Key operational aspects for the organisation of large scale field operational tests	Belgium

6:6	Parallel Thematic Session	
Pillar IV	Future energy for road transport	
	Tuesday, June 8, 2010 - from 13:45 to 15:00 hours	
	Moderator: Ken Rose	CONCAWE, ERTRAC
1.	Gunnar Lorenz Electric supply	Belgium
2.	Walter Böhme Future fuel mix for road transport	Austria
3.	Frank Seyfried Renewable energies for sustainable mobility	Germany
4.	Michael Balthasar Impact of biofuels on the combustion characteristics and the aftertreatment system for a heavy-duty diesel engine	Sweden

7:1	Parallel Thematic Session	
Pillar II	Modelling/Estimation/evaluation	
	Tuesday, June 8, 2010 - from 15:45 to 17:00 hours	
	Moderator: Neil Paulley	TRL, ECTRI
1.	Philip Barham Mediate project: describing the accessibility of transport systems	United Kingdom
2.	Dries Berckmans Evaluation of tire noise models used in vehicle pass-by sound synthesis	Belgium
3.	Stefan Schwillinsky Toolkit for sustainable decision making in its deployment	Austria
4.	Valerio Recagno Benchmarking logistics for comodality: improving transport quality and efficiency	Italy

7:2	Parallel Thematic Session	
Pillar II	Infrastructure and environment	
	Tuesday, June 8, 2010 - from 15:45 to 17:00 hours	
	Moderator: <i>Gyda Grenstad</i>	Norwegian Public Road Administration
1.	<i>Jørn Riishede Kristiansen</i> Rising groundwater level can result in permanent flooding of roads	Denmark
2.	<i>Bo Lind</i> Risk management for roads in a changing climate	Sweden
3.	<i>Åsa Lindgren</i> Energy-efficient road construction and operation - an action plan	Sweden
4.	<i>Jos Arts</i> Beyond the infrastructure project scope: useful assessment of impacts	The Netherlands

7:3	Parallel Thematic Session	
Pillar II	Vehicle/highway systems	
	Tuesday, June 8, 2010 - from 15:45 to 17:00 hours	
	Moderator: <i>André Vits</i>	Belgium
1.	<i>Richard Grimal</i> Changes in "long-distance" mobility from 1993 to 2008	France
2.	<i>Petri Mononen</i> TeleFOT approach to a smarter, safer and greener driving	Finland
3.	<i>David Guilbert</i> Origin-destination matrix by using inductive loop detector	France
4.	<i>Cédric Le Bastard</i> Estimation of the vehicle lateral positioning from the Inductive Loop	France

7:4	Parallel Thematic Session	
Pillar I	European joint programming and funding of research	
	Tuesday, June 8, 2010 - from 15:45 to 17:00 hours	
	Moderator: Steve Phillips	FEHRL
1.	Anders H.H. Jansson NordFoU - benefits of international R&D co-operation	Finland
2.	Patrick Malléjacq Transnational road research's contribution to the ERA (European Research Area)	France
3.	Oliver Althoff Cooperation of national research programs to fully exploit Europe's innovation potential	Germany
4.	Hans Ingvarsson Future role of the member state representatives of ERTRAC in joint programming of research & innovation	Sweden

7:5	Parallel Thematic Session	
Pillar	Human factors and driver behaviour	
III	Tuesday, June 8, 2010 - from 15:45 to 17:00 hours	
	Moderator: Anna Nilsson-Ehle	SAFER, Sweden
1.	Gianfranco Burzio A subjective field test on lane departure warning function - EUROFOT	Italy
2.	Evdokia Iliadou Drivers' risk perception while approaching periurban interchanges	Greece
3.	Catherine Harvey Usability in the context of in-vehicle information systems (IVISs)	United Kingdom
4.	Nadja Schömig Measures and countermeasures for impaired driver's state within highly automated driving	Germany
5.	Mats Wiklund Perceptions of stability control and anti-lock braking systems	Sweden

7:6	Parallel Thematic Session	
Pillar	Green house gas reduction - Energy efficient vehicle and effects of	
IV	Tuesday, June 8, 2010 - from 15:45 to 17:00 hours	
	Moderator: <i>Göran Wirmark</i>	ERTRAC
1.	<i>Tomaž Katrašnik</i> Development of future powertrains by simulation tools	Slovenia
2.	<i>Gerdien Klunder</i> Impact of information and communication technologies on energy efficiency in road transport	The Netherlands
3.	<i>Theodor Sams</i> The commercial powertrain beyond 2020	Austria
4.	<i>Lionel Broglia</i> Optimization of vehicle energy management through multi-domain system simulation	France

8:1	Plenary Session	
	Urban mobility	
	Wednesday, June 9, 2010 - from 09:00 to 10:15 hours	
	Moderator: Jean-Luc di Paola-Galloni	VALEO, ERTRAC
1.	Albert Bore Committee of the Regions	
2.	Helma Orosz Mayor of Dresden and POLIS President 2010	
3.	Rémi Bastien Vice president research, advanced engineering and materials, Renault	
4.	Jan-Eric Sundgren Senior Vice President AB Volvo, Public and Environmental Affairs	
5.	Anne-Sophie Parent Secretary General, AGE EUROPE, European Older Peoples's Platform	
6.	Jean-Claude Moureau Director General of Brussels Mobility	

9:1	Parallel Strategic Session	
	Logistics and multi-modal transport	
	Wednesday, June 9, 2010 - from 11:00 to 12:15 hours	
	Moderator: <i>Michael Nielsen</i>	General delegate IRU permanent delegation to the EU
1.	<i>Paolo Paganelli</i> Logistic Solutions Manager, Insiel SpA, "Sustainable logistics in European ICT research"	Italy
2.	<i>Pawel Stelmaszczyk</i> Head of unit B.3: Logistics, co-modality, motorways of the seas and Marco Polo	EC
3.	<i>Ms. Fiammetta Diani (to be confirmed)</i> "EGNOS benefits in logistics and dangerous goods transport"	
4.	<i>Jorgen Christensen</i> Moving freight with better trucks	Denmark
5.	<i>Sergio Barbarino (to be confirmed)</i> Procter & Gamble R&D, EIRAC (Intermodal Transport)	

9:2	Parallel Strategic Session	
	Mobility challenges for cities	
	Wednesday, June 9, 2010 - from 11:00 to 12:15 hours	
	Moderator: <i>Sylvain Haon</i>	POLIS Executive Director, ERTRAC and ERRAC Task Force on Urban Mobility
1.	Roman Jakič Chair of CIVITAS policy Advisory Committee, deputy Mayor in charge of transport, city of Ljubljana, Slovenia	Slovenia
2.	Magda Kopczynska Head of the Clean Transport, Urban transport, and Intelligent Transport Systems unit, DG Mobility and Transport, European Commission, "The future of transport and the Action Plan on Urban Mobility"	EC
3.	Winner of the CIVITAS young research prize Distribution of the price by Magda Kopczynska	
4.	Tony Depledge President of UITP EU Committee, director for transport policy, ARRIVA, "Public transport operators as innovative mobility service providers"	United Kingdom
5.	Thierry Koskas Vice President Electric Vehicle Programme , Renault, "Why Renault considers Electric Vehicle as a major breakthrough in individual mobility"	France

9:3	Parallel Strategic Session		
	Intelligent transport systems		
	Wednesday, June 9, 2010 - from 11:00 to 12:15 hours		
	Moderator:	<i>Jean Eric Paquet</i>	Acting Director, Trans-European transport network & smart transport, mobility and transport directorate general, European Commission
1.	<i>Gzym Ocakoglu</i> DG Move, 'Policy instruments (ITS action Plan and ITS directive) for wider deployment of intelligent transport solution in EU'		
2.	<i>Dean Herenda</i> Chairman of EasyWay, "Pan-European Deployment of ITS"		
3.	<i>Christine Lotz</i> BAST, Germany, "TISA: Deployment of Real-Time Traffic and Travel Information (RTTI)"		Germany
4.	<i>Aria Etemad</i> Ford Research Centre, Germany, "Active safety systems: Assessment of benefit to trigger faster deployment"		Germany
5.	<i>Hermann Meyer</i> ERTICO – ITS Europe, "eCall and other priority ITS services ready for deployment"		Belgium

10:1	Parallel Thematic Session	
Pillar	Logistics and freight transport	
II	Wednesday, June 9, 2010 - from 13:45 to 15:00 hours	
	Moderator: Joost De Bock	EC, DG Research
1.	Saverio Zuccotti CITYLOG: new solutions for urban freight distribution	Italy
2.	Hervé Huard Appraising the rolling road market share on western France	France
3.	Jens Schumacher Mobile agents - distributed local intelligence and intelligent cargo	Austria
4.	Olivier Quoy French national heavy good vehicle eco-tax	France

10:2	Parallel Thematic Session	
Pillar	New materials – part 1	
Vb	Wednesday, June 9, 2010 - from 13:45 to 15:00 hours	
	Moderator: Ann Vanelstraete	BRRC, Belgium
1.	Egbert Beuving European developments in the use of warm mix asphalt	The Netherlands
2.	Joëlle De Visscher Performance of asphalt produced at reduced temperatures	Belgium
3.	Anders Huvstig A new method for prediction of future rutting performance	Sweden
4.	Christiane Raab Temperature dependency of interlayer shear testing	Switzerland

10:3	Parallel Thematic Session	
Pillar	Urban transport system and services – part 1	
II	Wednesday, June 9, 2010 - from 13:45 to 15:00 hours	
	Moderator: Sebastian Emig	UITP (ERTRAC)
1.	Jan P. van Dijke CityMobil, advanced transport for the urban environment	The Netherlands
2.	Odile Heddebaut Bus with a high level of service: a new concept for a sustainable mobility	France
3.	Umberto Guida EBSF - The European bus system for the future project	Belgium
4.	Ivo Cré and Siegfried Rupprecht Transferability analysis of innovative urban mobility concepts in the NICHES+ project	Belgium and Germany

10:4	Parallel Thematic Session	
Pillar	Modelling of exhaust emission	
IV	Wednesday, June 9, 2010 - from 13:45 to 15:00 hours	
	Moderator: Maurizio Maggiore	EC, DG Research
1.	Edward Menes Methodology of forecasting, forecasting the demand for energy resources and forecast of air pollutants emissions from lorries in Poland up to the year 2020	Poland
2.	?ke Sjödin Wear particles from road traffic	Sweden
3.	Mats Gustafsson Influence of pavement properties on wear particle emission	Sweden
4.	Elfed Lewis Overview of the OPTO-EMI-SENSE project: optical fibre sensor network for automotive emission monitoring	Ireland

10:5	Parallel Thematic Session	
Pillar III	Infrastructure related safety issues – part 1	
	Wednesday, June 9, 2010 - from 13:45 to 15:00 hours	
	Moderator: <i>Harry Cullen</i>	Irish Road Administration, secretary of CEDR working group on Safety
1.	<i>Suzanne de Laval</i> Perceived safety in tunnels	Sweden
2.	<i>Manfred Haider</i> The TYROSAFE project: towards safe and green road transport	Austria
3.	<i>Miha Ambrož</i> Dynamics of driving over vertical velocity-reducing road features	Slovenia
4.	<i>Zhongyni Gu</i> Study on synthesis design of freeway key scenery areas	USA

10:6	Parallel Thematic Session	
Pillar	Asset management - structures	
	Vb	
	Wednesday, June 9, 2010 - from 13:45 to 15:00 hours	
	Moderator: Ales Znidaric	ZAG, Slovenia
1.	Ralph Holst From a condition- to a reliability-based bridge management system	Germany
2.	Livia Pardi Intelligent BMS based on 3D representation and image processing	Italy
3.	Alan O'Connor Probabilistic design & assessment of transportation infrastructure	Ireland
4.	Lauri Salokangas Tools for life cycle optimisation of bridges	Finland
11:1	Parallel Thematic Session	
Pillar	Electric vehicles	
	IV	
	Wednesday, June 9, 2010 - from 15:45 to 17:00 hours	
	Moderator: Gonzalo Hennequet	Scientific Counsellor to the director advanced automotive technologies, Renault, France
1.	Jens Groot Battery benchmarking and cyclelife test methods	Sweden
2.	Bogomir Zidarič Reduction of stray losses in permanent magnets of PM machine	Slovenia
3.	Matthias Bronold Lithium batteries for passenger cars and commercial vehicle hybrid systems	Germany
4.	Pietro Perlo Electrical mobility a reality in evolution	Italy

11:2	Parallel Thematic Session	
Pillar	New materials – part 2	
Vb	Wednesday, June 9, 2010 - from 15:45 to 17:00 hours	
	Moderator: <i>Sandra Erkens</i>	DVS, the Netherlands
1.	<i>Colette Grégoire</i> Mechanical behaviour of natural and recycled granular materials for subbase layers of roads by cyclic triaxial testing	Belgium
2.	<i>Finn Thøgersen</i> Increasing the stiffness of Danish Roads	Denmark
3.	<i>Pieter De Winne</i> New technologies in continuously reinforced concrete pavements	Belgium
4.	<i>Margo Briessinck</i> Surface characteristics of modern concrete roads	Belgium
5.	<i>Xavier Cocu</i> The use of phase change materials to delay pavement freezing	Belgium

11:3	Parallel Thematic Session	
Pillar	Urban transport system and services – part 2	
II	Wednesday, June 9, 2010 - from 15:45 to 17:00 hours	
	Moderator: William Borthwick	EC, DG MOVE
1.	Sebastian Emig Public transport in CEEC - challenges and solutions	Belgium
2.	Don Guikink Evaluating the impact of CIVITAS II projects	The Netherlands
3.	Rob Methorst Providing for pedestrians' quality needs	The Netherlands
4.	Anthony D. May Road user charging and transport policy implications: findings from the CURACAO project	United Kingdom
11:4	Parallel Thematic Session	
Pillar	In vehicle safety systems including ADAS	
III	Wednesday, June 9, 2010 - from 15:45 to 17:00 hours	
	Moderator: Mr. Francisco Ferreira, senior Scientific Officer	ICT for Transport, DG INFSO
1.	Saied Taheri Development of nash optimal driver based vehicle stability control algorithm	USA
2.	Ahmed Benmimoun GALILEO-based collision avoidance system	Germany
3.	Reiner Hoeger Driver centric automation to enhance safety and to improve fuel efficiency	Germany
4.	Micha Lesemann A test programme for active safety systems - latest developments of the eVALUE project	Germany

11:5	Parallel Thematic Session	
Pillar	Infrastructure related safety issues - part 2	
III	Wednesday, June 9, 2010 - from 15:45 to 17:00 hours	
	Moderator: Bernard Jacob	LCPC, France
1.	Ingo Kaundinya Protection of vulnerable infrastructures in a road transport network	Germany
2.	Michael Haumann Introduction of periodical technical inspection for electronically controlled vehicle systems in accordance with 96/96/EC	Germany
3.	Jan Valentin Determination of safety/seriousness of railway grade crossings	Czech Republic
4.	Peter Saleh VIIS - Vehicle Infrastructure Interaction Simulation on "real" roads	Austria

11:6	Parallel Thematic Session	
Pillar	Asset management - pavements	
Vb	Wednesday, June 9, 2010 - from 15:45 to 17:00 hours	
	Moderator: Johann Litzka	TU Vienna, Austria
1.	Brian Ferne European long life pavements - a potential yet to be realized	United Kingdom
2.	Alfred Weninger-Vycudil ENR-project "Maintenance backlog - estimation and use"	Austria
3.	Marleen Bellen Pavement management system and intelligent roads: system requirements and technological feasibility	Belgium
4.	Hussein Khraibani Analysis of structural performance data using robust statistical methods	France

12:1	Parallel Thematic Session	
Pillar	Vehicle design	
Va	Thursday, June 10, 2010 - from 09:00 to 10:15 hours	
	Moderator: Wim Verhoeve	CLEPA, Belgium
1.	Gandert Van Raemdonck Improving fuel economy by means of aerodynamic add-ons for trailers	The Netherlands
2.	Carloandrea Malvicino Thermal systems integration for fuel economy - TIFFE	Italy
3.	Gotthard Rainer Tool platform to develop future powertrains	Austria
4.	Wolfgang Menzel A radically new automotive manufacturing concept	Germany
12:2	Parallel Thematic Session	
Pillar	CERTAIN - Central European Research in Transport Infrastructure	
Vb	Thursday, June 10, 2010 - from 09:00 to 10:15 hours	
	Moderator: William Bird	EC
1.	Mojca Ravnikar Turk SPENS - new knowledge for sustainable pavements	Slovenia
2.	Imre Pap Investigation of asphalt mixture behaviour at low and high air temperatures	Serbia
3.	Wojciech Bańkowski Full scale testing of high modulus asphalt concrete in Poland	Poland
4.	Tomasz Wierzbicki The experience gained through the ARCHES project implementation	Poland

12:3	Parallel Thematic Session	
Pillar	Vehicle/highway cooperation	
II	Thursday, June 10, 2010 - from 09:00 to 10:15 hours	
	Moderator: Irmgard Heiber	EC
1.	Rigobert Opitz ASSET integrated system and theory for road safety	Austria
2.	Luisa Andreone Cooperative systems for road safety: the SAFESPOT integrated project	Italy
3.	Lina Konstantinopoulou Non technical barriers to deployment of cooperative systems	Belgium
4.	Frank Flemisch Towards highly automated driving: intermediate report on the HAVEit-joint system	Germany
12:4	Parallel Thematic Session	
Pillar	Mitigation of the environmental impact of transport networks	
IV	Thursday, June 10, 2010 - from 09:00 to 10:15 hours	
	Moderator: Julio Garcia Ramon	POLIS, Spain
1.	Uwe Clausen An improved approach for drawing up a climate footprint	Germany
2.	Paul de Vos New approaches to environmental capacity management	The Netherlands
3.	Juned Akhtar Cost-benefit analysis of low-noise pavements	Norway
4.	Lars-Olof Landerfors Ambient air quality to control speed signs	Sweden

12:5	Parallel Thematic Session	
Pillar III	Vulnerable road users including powered two wheelers	
	Thursday, June 10, 2010 - from 09:00 to 10:15 hours	
	Moderator: Jacques Compagne	ACEM, Belgium
1.	Onorino Di Tanna Main results of safety in motion project: a concrete contribution to PTW safety	Italy
2.	Michal Manka Motorcycle road behaviour simulations: multibody dynamics and virtual control analysis	Poland
3.	Charlotta Johansson Safety of child bicyclists	Sweden
4.	Roland Schweiger Low cost next generation multi sensor night vision system	Germany

12:6	Parallel Thematic Session	
Pillar Vb	Asset management - climate change	
	Thursday, June 10, 2010 - from 09:00 to 10:15 hours	
	Moderator: Hans Ingvarsson	SRA, Sweden
1.	Ennesser Yves Adapting infrastructure to climate change: approach and tool kit	France
2.	Gordana Petkovic "Climate and transport" - R&D programme for adaptation of Norwegian roads to climate change	Norway
3.	Michael Larsen Storm water prevention - methods to predict flooding from the water stream in and near road pavements in lowland areas	Denmark
4.	Jon Krokeborg "Road Owners Getting to Grips with the Climate Change" - an ENR-Initiated Research Program	Norway

13:1	Parallel Thematic Session	
Pillar	Noise reduction, Monitoring and methodology for noise reduction	
IV	Thursday, June 10, 2010 - from 11:00 to 12:15 hours	
	Moderator: David Storer	CRF, Italy
1.	Anders H.H. Jansson The second round of environmental noise directive implementation	Finland
2.	Marianna Vivolo Vibro-acoustic characteristics of TorHex honeycomb sandwich panels	Belgium
3.	Peter Kindt Tyre/road noise due to road surface discontinuities	Belgium
4.	Barbara Vanhooreweder Noise barriers	Belgium

13:2	Parallel Thematic Session	
Pillar	Safe road design	
III	Thursday, June 10, 2010 - from 11:00 to 12:15 hours	
	Moderator: <i>Forbes Vigors</i>	Irish Road Administration, secretary of CEDR working group on Safety
1.	<i>Jean-Philippe Tarel</i> On the diagnostic of road pathway visibility	France
2.	<i>Barbara Metz</i> Influence of supplementary signs on the perception of directional information	Germany
3.	<i>Maxime Flament</i> A map provider and road authority perspective on maintenance of road safety attributes	Belgium
4.	<i>Ludovic Simon</i> A model for automatic diagnostic of road signs saliency	France
5.	<i>Françoise Debelle</i> Design and signing of greenway-highway intersections	Belgium

13:3	Parallel Thematic Session	
Pillar	ITS network management	
II	Thursday, June 10, 2010 - from 11:00 to 12:15 hours	
	Moderator: <i>Paul van der Kroon</i>	Rijkswaterstaat - DVS Centre for Transport and Navigation
1.	<i>Nicholas Taylor</i> Defining best practice in European traffic incident management	United Kingdom
2.	<i>Sara Gutiérrez</i> GINA -GNSS for INnovative road Applications- : EGNOS/GALILEO for road user charging and value added services	Spain
3.	<i>Yanying Li</i> Eco-driving – a new measure to reduce emissions from road transport	Belgium
4.	<i>Andre Possani Espinosa</i> Road departure application based on cooperative systems	Italy
5.	<i>Suzanne Hoadley</i> Assessing the performance of ITS in major cities	Belgium

13:4	Parallel Thematic Session	
Pillar	Models and tools for road safety	
III	Thursday, June 10, 2010 - from 11:00 to 12:15 hours	
	Moderator: Anita Ihs	VTI, Sweden
1.	Fabien Menant Reconstruction of the speed distribution in bends using control-drivers	France
2.	Saied Taheri Commercial vehicle stability prediction using fuzzy logic	USA
3.	Mariana Netto Vehicle low cost and high performance active safety : concept and control	France
4.	Jan Charles Lenk Modelling longitudinal and lateral control of human drivers by multiple regression models	Germany

13:5	Parallel Thematic Session	
Pillar	Accident analysis	
III	Thursday, June 10, 2010 - from 11:00 to 12:15 hours	
	Moderator: Ludger Rogge	EC, DG RTD
1.	Yves Page Relevant accident analysis for the identification of a vehicle safety strategy	
2.	Birgit Hartz Speed on German motorways in heavy rain	Germany
3.	Salvatore Cafiso HGV crash data comparison in European countries	Italy
4.	Attila Borsos Similarities and differences among countries concerning road fatality rates	Hungary
5.	Manouchehr Vaziri Application of DEA for appraisal of roadway accident for Asia-Pacific countries	Iran

13:6	Parallel Thematic Session	
Pillar	New concepts of maintenance and monitoring	
	Thursday, June 10, 2010 - from 11:00 to 12:15 hours	
Vb	Moderator: Philippe Lepert	LCPC, France
1.	Nils Ryden Field and laboratory quality control of asphalt concrete using seismic methods	Sweden
2.	Anne Lalagüe Accuracy of ground penetrating radar in bituminous pavement thickness evaluation	Norway
3.	John Laurent Implementation and validation of a new 3D automated pavement cracking measurement equipment	Canada
4.	Petra Offrell A new mobile system for safe performance control of the road markings	Sweden

14:1	Plenary Session	
	Closing Session	
	Thursday, June 10, 2010 - from 12:30 to 13:30 hours	
	Moderator:	
1.	Claude Van Rooten Chairman of the TRA 2010 PC committee	
2.	Mike McDonald Rapporteur of the content	
3.	Chris Caestecker Chairman of the Management Committee TRA 2010	
4.	Athanasios Kostis Chairman of the Management Committee TRA 2012	