ERTRAC-EGVIA-European Commission
European conference

Results from road transport research in H2020 projects

Albert Borschette Conference Center (CCAB) - Brussels
4 & 5 December 2019

Speakers' Biographies
#H2020RTR19

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AGENDA

Conference chairman:
Zissis Samaras, LAT/Aristotle University, ERTRAC Vice Chair

DAY 1 - 4 December

10.00 - 10.30 WELCOME COFFEE

10.30 – 11.10 - OPENING SPEECHES
Dr.-Ing. Stephan NEUGEBAUER, Director Global Research Cooperation, BMW and ERTRAC & EGVIA Chairman
Jean-François AGUINAGA, Head of Unit, Future Urban & Mobility Systems, DG Research and Innovation (DG RTD), European Commission
Herald RUIJTERS, Director, Investment, Innovative & Sustainable Transport, DG Mobility and Transport (DG Move), European Commission
Dirk BECKERS, Director, Innovation and Networks Executive Agency (INEA)

11.10 – 11.30 - "THE FUTURE OF ROAD TRANSPORT - IMPLICATIONS OF AUTOMATED, CONNECTED, LOW-CARBON AND SHARED MOBILITY" – A JRC REPORT
Biagio CIUFFO Project Officer, Scientific Research, Sustainable transport, JRC, European Commission

11.40 - 12.55 - PARALLEL SESSIONS

1. Towards 0 fatalities: the technological answer	2. ICT for logistics efficiency	3. Integration of Green Vehicles into the transport system
Moderators		
David Guedj (INEA) **Peter Urban (IKA)**	**Paola Chiarini (DG MOVE)** **Fernando Liesa (ALICE)**	**Axel Volkery (DG MOVE)** **Ian Faye (Bosch)**
AutoMate - Automation as accepted and trustful teamMate to enhance traffic safety and efficiency **MAVEN** - Managing Automated Vehicles Enhances Network **VI-DAS** - Vision Inspired Driver Assistance Systems	**SELIS** - Towards a Shared European Logistics Intelligent Information Space **AEOLIX** - Architecture for EurOpean Logistics Information eXchange **ICONET** - New ICT infrastructure and reference architecture to support Operations in future PI Logistics NETworks	**NeMo** - Hyper-Network for electroMobility **ELECTRIFIC** - Enabling seamless electromobility through smart vehicle-grid integration **ASSURED** - fASt and Smart charging solutions for full size URban hEavy Duty applications

12.55 – 14.15 – LUNCH BREAK

14.15 - 16.00 - PARALLEL SESSIONS

4. Intelligent transport system Towards Mobility as a Service	5. Green Vehicles Modelling and testing of EVs	6. Green Vehicles – Weight reduction & electric drivetrains
Moderators		
Damian Bornas Cayela (INEA) Ivo Cré (POLIS)	Georgios Tzamalis (DG MOVE) Peter Prenninger (AVL)	Michal Klima (INEA) Zissis Samaras (LAT/Aristotle University)
MaaS4EU - End-to-End Approach for Mobility-as-a-Service tools, business models, enabling framework and evidence for European seamless mobility **IMOVE** - Unlocking Large-Scale Access to Combined Mobility through a European MaaS Network **MyCorridor** - Mobility as a Service in a multimodal European cross-border corridor	**OBELICS** - Optimization of scalaBle rEaltime modeLs and functIonal testing for e-drive ConceptS **DEMOBASE** - DEsign and MOdelling for improved BAttery Safety and Efficiency **HiFi-ELEMENTS** - High Fidelity Electric Modelling and Testing	**ALLIANCE** - AffordabLe LIghtweight Automobiles AlliaNCE **LoCoMaTech** - Low Cost Materials Processing Technologies for Mass Production of Lightweight Vehicles **ModulED** - Modular Electric Drivetrains **DRIVEMODE** - Integrated Modular Distributed Drivetrain for Electric/Hybrid Vehicles **ReFreeDrive** - Rare Earth Free e-Drives featuring low cost manufacturing

16.00 – 16.30 – COFFEE BREAK

16.30 - 18.30 - PARALLEL SESSIONS

7. Automated driving at our doors	8. Green Vehicles From chemistry to pack integration: batteries for e-mobility
Moderators	
Ludger Rogge (DG RTD) Armin Grater (BMW)	Julija Sakovica (DG RTD) Simon Edwards (Ricardo)
L3Pilot - Piloting Automated Driving on European Roads **ENSEMBLE** - ENabling SafE Multi-Brand pLatooning for Europe **AVENUE** - Autonomous Vehicles to Evolve to a new urban experience	**HELIS** - High energy lithium sulphur cells and batteries **ALISE** - Advanced Lithium Sulphur battery for xEV **IMAGE** - Innovative Manufacturing Routes for Next Generation Batteries in Europe **GHOST** - InteGrated and PHysically Optimised Battery System for Plug-in Vehicles Technologies **iModBatt** - Industrial Modular Battery Pack Concept Addressing High Energy Density, Environmental Friendliness, Flexibility and Cost Efficiency for Automotive Applications

18.15 – 19.15 – NETWORKING COCKTAIL

DAY 2 - 5 December

9.30 - 10.00 WELCOME COFFEE

10.00 - 11.30 - PARALLEL SESSIONS

9. New mobility paradigm, new vehicles, how could the mobility of tomorrow look like?	10. Towards ultra-low emission combustion engines
Moderators	
Patrick Mercier-Handisyde (DG RTD) Ian Faye (Bosch)	Marina Kousoulidou (INEA) Roland Dauphin (Concawe)
STARS - Shared mobility opporTunities And challenges foR European citieS **MoTiV** - Mobility and Time Value **WEEVIL** - Ultralight and ultrasafe adaptable 3-wheeler **ELVITEN** - Electrified L-category Vehicles Integrated into Transport and Electricity Networks **STEVE** - Smart-Taylored L-category Electric Vehicle demonstration in hEtherogeneous urban use-cases	**DiePeR** - Diesel efficiency improvement with Particulates and emission Reduction **THOMSON** - Mild Hybrid cOst effective solutions for a fast Market penetration **UPGRADE** - High efficient Particulate free Gasoline Engines **PaREGEn** - Particle Reduced, Efficient Gasoline Engines

11.30 – 11.45 - COFFEE BREAK

11.45 – 13.00 - PARALLEL SESSIONS

11. Green Vehicles - Take the user perspective	12. Improving air quality: it starts with measurement
Moderators	
Monica Giannini (INEA) Christof Schernus (FEV)	Maurizio Maggiore (DG RTD) Peter Prenninger (AVL)
OPTEMUS - Optimised Energy Management and Use **QUIET** - QUalifying and Implementing a user-centric designed and EfficienT electric vehicle **DOMUS** - Design OptiMisation for efficient electric vehicles based on a USer-centric approach	**DownToTen** - Measuring automotive exhaust particles down to 10 nanometres **SUREAL-23** - Understanding and measuring SUb-23 nm particle emissions from direct injection engines including REAL driving conditions **PEMs4Nano** - Portable Nano-Particle Emission Measurement System

13.00 – 14.00 LUNCH BREAK

14.00 - 15.15 - PARALLEL SESSIONS

13. C-ITS and infrastructure for CAD	14. Urban mobility: enhance integration and inclusiveness	15. Green Vehicles – Truck of the future
Moderators		
Rafal Stanecki (DG MOVE) **Mats Rosenquist (Volvo)**	**Piotr Rapacz (DG MOVE)** **Ivo Cré (POLIS)**	**Guido Sacchetto (DG RTD)** **Christof Schernus (FEV)**
ICT4CART - ICT Infrastructure for Connected and Automated Road Transport **TransAID** - Transition Areas for Infrastructure-Assisted Driving **C-MobILE** - Accelerating C-ITS Mobility Innovation and depLoyment in Europe	**SUNRISE** - Sustainable Urban Neighbourhoods - Research and Implementation Support in Europe **HiReach** - High reach innovative mobility solutions to cope with transport poverty **INCLUSION** - Towards more accessIble and iNCLUSIve mObility solutions for EuropeaN prioritised areas	**IMPERIUM** - IMplementation of Powertrain Control for Economic and Clean Real driving emIssion and fuel ConsUMption **optiTruck** - optimal fuel consumption with Predictive PowerTrain control and calibration for intelligent Truck **AEROFLEX** - Aerodynamic and Flexible Trucks for Next Generation of Long Distance Road Transport

15.15 -15.35 – STAY AT THE FOREFRONT OF GLOBAL COMPETITION – THE SKILLS CHALLENGE

SKILLFUL - Skills and competences development of future transportation professionals at all levels

15.35 – 16.00 – CLOSING SESSION: OUTLOOK OF THE PARALLEL SESSIONS

Jean-François AGUINAGA, Head of Unit, Future urban & mobility systems, DG Research and Innovation (DG RTD), European Commission

Zissis SAMARAS, Lab of Applied Thermodynamics, Dept of Mechanical Engineering, Aristotle University and ERTRAC Vice chair

Conference chairman:
Zissis Samaras, LAT/Aristotle University, ERTRAC Vice Chair

DAY 1 - 4 December

10.30 - 11.30 OPENING SPEECHES

Stephan Neugebauer – ERTRAC & EGVIA Chairman

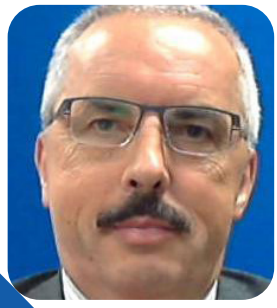
Stephan Neugebauer is Director Global Research Cooperation at BMW Group and Chairman of ERTRAC and EGVIA since 2015. He completed his university studies in mechanical engineering at the Technical University of Munich. He was a scholarship holder of Hanns-Seidel-Foundation. After this, while being research assistant at the "Institute of Internal Combustion Engines and Vehicles", he completed his doctorate by obtaining the title of Dr.-Ing. Stephan Neugebauer started at BMW in the diesel engine development department in Steyr (Austria). In 1998, he returned to Munich in different functions in the development of BMW Gasoline Engines. In 2005, he was transferred to the total vehicle development, taking over a new function as Head of the Energy Management Department and later as Head of the Thermal Management Department. From 2012 to 2015, Stephan Neugebauer was Head of Vehicle Project, current BMW 3 series and 4 series.

Jean-François Aguinaga - DG RTD- European Commission

Jean-François Aguinaga is Head of Unit "Future Urban & Mobility Systems", Directorate General (DG) Research and Innovation at European Commission. He studied at the Ecole Supérieure de Commerce de Paris had a PhD in roman languages and civilisations at the University of Paris, as well as a master in public administration. In his professional career, he went through management positions at the French Ministry of Foreign Affairs. He joined the European Commission in September 1994, within a team in charge of economic co-operation with Latin America. In 2002, he joined the DG Enterprise and Industry as sherpa for the financial instruments for SMEs (2007-2013). Starting in 2006, he has been responsible for the EIC network, then from 2008 for the phasing-in of the Enterprise Europe Network. After leading the «Textile, fashion, design and creative industries» unit in DG Enterprise and Industry and the «European standards» unit in DG Growth, he joined the DG for Research and Innovation in 2017.

Herald Ruijters - DG Move - European Commission

Since 1 February 2017, Mr Ruijters is the Director responsible for Directorate B - Investment, Innovative & Sustainable Transport in DG Mobility and Transport, while still being Head of Unit responsible for the Trans European Network (TEN-T). He assumed the role of Head of Unit in 2009 and has been directly involved in developing the TEN-T Guidelines. He was previously working in the same DG from 2005 to 2009, in order to promote the implementation of TEN-T projects, and for the development of road safety policy, from 1997 to 2005. Before coming to the Commission he held various positions in The Netherlands related to transport.
Mr Ruijters holds degrees from Nijmegen and Amsterdam Universities in both French literature and European Studies, and was post-graduated at the Centre Européen Universitaire in Nancy, in European Law, and in Business Studies at the University in Leuven.



Dirk Beckers - INEA

Dirk Beckers, a Belgian national, has more than ten years of experience as Executive Director of the Innovation and Networks Executive Agency (INEA), previously TEN-T EA from 2007 to 2014. As a European Commission Official since 1988, he has put his extensive experience in the fields of transport, energy and research at the service of the Agency to successfully manage its financial and human resources and its funding programmes.

11.10 – 11.30 "THE FUTURE OF ROAD TRANSPORT - IMPLICATIONS OF AUTOMATED, CONNECTED, LOW-CARBON AND SHARED MOBILITY" – A JRC REPORT

Biagio Ciuffo - JRC - European Commission

Biagio Ciuffo received his Ph.D. degree in transportation engineering from the University of Napoli Federico II in 2008. Then he held a three-year Post-Doctoral position at the European Commission Joint Research Centre (JRC), working at the sustainability assessment of traffic and transport related measures and policies. He is now a Scientific Officer of the JRC, where he leads different projects concerning the reduction of CO2 emissions from road transport and the effect of introducing autonomous vehicles. Biagio Ciuffo has published more than 50 papers in peer-reviewed journals and conference proceedings. He is associate editor for the IEEE Transactions on Intelligent Transportation Systems and acts as reviewer for several international journals. For his research activities on the calibration of traffic simulation models he was awarded with the 2012 Greenshields Prize and with the 2013 SimSub Committee Prize from the Transportation Research Board of the US National Academy of Science

11.40 – 12.55 PARALLEL SESSION: 1. Towards 0 fatalities: the technological answer

Moderation

David Guedj (INEA)

Peter Urban (IKA)

Roberto Montanari - AutoMate

Roberto Montanari is cofounder and R&D responsible for RE:Lab, an Italian SME focused on Human Machine Interaction. Roberto is also Professor of Interaction Design at the University Suor Orsola Benincasa of Naples.

LinkedIn: https://www.linkedin.com/in/robertomontanari/

RE:Lab: http://www.re-lab.it/it/

Julian Schindler - MAVEN

Julian Schindler is working at the Institute of Transportation Systems at the German Aerospace Center (DLR) in Braunschweig, Germany, since 2006. As computer scientist he first was responsible for the software architecture of several driving simulators. Working on the ergonomic design of vehicle automation functions, he was participating in several national and international projects, like EU-FP6-Citymobil, EU-FP7-interactIVe, EU-FP7-HAVEit and EU-FP7-ISiPADAS, where he was leading a workpackage. In H2020 he finally was one of the three coordinators of MAVEN and became coordinator of TransAID. Since 2017, he is also leading the group "Development of Vehicle Functions" at DLR.

Oihana Otaegui - VI-DAS

Dr. Otaegui is in charge of the ITS and Engineering department of Vicomtech. She received her MEng degree in Electronic Engineering and her doctoral degree on Telecommunication from the University of Navarre Spain. She has a substantial experience in especially in signal processing techniques and algorithms for the transport field. Before joining VICOM in 2007, she worked as a Researcher at CEIT (Spain) and at Fraunhofer IIS (Germany) on, amongst others, fast acquisition algorithms for Galileo/GPS/EGNOS. Since 2010 she is the director of the Intelligent Transport Systems and Engineering Area where she is involved on computer vision and machine learning techniques for automotive industry. She has been coordinator of FP7 and H2020 projects and technical coordinator of ESA projects and is author of more than 30 publications in the areas of satellite-based localization, LBS and Computer Vision and ADAS. She is external Professor at the University of Basque Country and she is member of the Basque Academy of Sciences, Arts and Letters and member of the Scientific Advisory board for the Basque Government Scientific.

11.40 – 12.55 PARALLEL SESSION: 2. ICT for logistics efficiency

Moderation

Paola Chiarini (DG MOVE)

Fernando Liesa (ALICE)

Gerasimos Kouloumbis - SELIS

Gerasimos Kouloumbis is Inlecom's Program Delivery Director. Holds an MSc in Information Systems. Engineering, an MBA, a Master's Certificate in Project Management, a BSc in Informatics, and he is PMP certified and a PM Instructor since 2002. Over 20 years' experience in managing and delivering complex global IT and EU Research projects, working as Portfolio or Senior Project Manager in high demanding and disciplined environments, such as Hewlett-Packard, PwC and EU's H2020 and FP7. Experienced Risk Manager, in multimillion global IT transition/transformation projects, and a Certified Data Protection Officer.

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Eusebiu Catana - AEOLIX

Dr. Eusebiu Catana is a Senior Manager for Transport & Logistics at ERTICO. He Holds a PHD in Vehicle Telematics, Master Degrees in Automotive Engineering and Industrial Management from University of Leuven. He has previously worked as a Technical Consultant for about 20 years for top technology companies in Europe and USA (e.g. projects: On-Star, Vehicle Telematics, TRIDENT, OTAP, etc). In 2002 in Munich he was awarded with the "best award for ITS project development" from the IT/Automotive industry. He is leading the team1-conceptual interoperability of Digital Transport and Logistics forum (DG MOVE). Within ERTICO, he was project coordinator for the CO-GISTICS project-a CIP framework programme and current project coordinator for the AEOLIX project, a H2020 RIA programme and the CONCORDA and FENIX projects, both CEF projects, respectively. His areas of expertise are: ITS platforms, (big) data exchange, C-ITS services, IoT and blockchain.

Gerasimos Kouloumbis - ICONET

Gerasimos Kouloumbis will also present ICONET, a 30 month project which aims significantly to extend the state of the art research and development around the Physical Internet (PI) concept in pursuit of a new networked architecture for interconnected logistics hubs

11.40 – 12.55 PARALLEL SESSION: 3. Integration of Green Vehicles into the transport system

Moderation

Axel Volkery (DG MOVE)

Ian Faye (Bosch)

Evangelia Portouli - NeMo

Dr. Evangelia Portouli holds a Mechanical Engineer degree with excellence from the National Technical University of Athens (1991) and a PhD on Cognitive ergonomics from the same Institute (2015). She is a Senior Researcher and leader of the Administration, Quality and Dissemination of the I-SENSE Group of ICCS, involved in driving automation and electromobility research activities. In the period 1991-1994 she has worked in an industrial company, designing and developing prototype systems for vehicles. Since 1994 she has worked as research consultant on intelligent transportation systems. In the period 2005-2010 she has worked as researcher in the Hellenic Institute of Transport of the Centre for Research and Technology Hellas. She is the author of 14 journal publications, 4 book chapters and has 24 presentations in conferences. Her scientific interests include the ergonomic design and development of driving automation and support systems.

Maria Pérez - ELECTRIFIC

María Pérez is Computer Engineer educated in the Univ. Complutense de Madrid. Her professional career started at IBM – INSA as developer of J2EE solutions. She joined the Group Gfi in Spain in 2003 as IT Consultant and started working on EC FP6 projects in 2004 as IT researcher. After 4 years she moved to Gfi Belgium as EC R&D Projects Manager. Specialized in the coordination and management of EC-funded projects, she has coordinated the EC FP7 and ICT-PSP Demos@Work, U@MareNostrum, PERIMETER, FIT4Green, All4Green, SUPERHUB (IP) and DC4Cities projects, and is currently the coordinator of the H2020 ELECTRIFIC project.

Sabina Asanova - ASSURED

At Mobi VUB Sabina Asanova leads the coordination of two H2020-funded multi-stakeholder initiatives (ASSURED, SELFIE) in the field of urban mobility with over 50 partners from 14 European countries.

She has extensive experience in both project management and business development at the European level. In the field of urban mobility, innovation, key enabling technologies and R&D, she has led policy analysis and monitoring in various EU Member States. Sabina also has experience at the institutional level and has worked for UNESCO and the EU Committee of the Regions.

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14.15 – 16.00 PARALLEL SESSION: 4. Intelligent transport system – towards Mobility as a Service

Moderation

Damian Bornas Cayela (INEA)

Ivo Cré (Polis)

Babis Ipektsidis - MaaS4EU

Charalampos (Babis) Ipektsidis is a project delivery manager and research and innovation policy expert. He has more than 13 years of experience and his expertise and research interests are in the area of research and innovation policy evaluation, entrepreneurship, innovation management, science and technology policy studies and transport. During his career, Babis has been involved as a project and delivery manager as well as policy expert in various strategic projects and studies. He is member of the coordination team of the projects MaaS4EU (End-to-End Approach for Mobility-as-a-Service tools, business models, enabling framework and evidence for European seamless mobility) and DIATOMIC.

Guido Di Pasquale - IMOVE

Guido Di Pasquale is Deputy Director of the Knowledge and Innovation department at the International Association of Public Transport (UITP). He has been working for 10 years in the field of Intelligent Transport Systems and mobility. With 16 years of experience in the ICT industry, in the past he has been responsible for designing, project management and business development of telematics systems and ITS solutions for urban mobility. Before joining UITP, he has worked for the industrial sector as Innovation Manager in the ITS (Intelligent Transportation Systems) for Public Transport, new mobility services and Co-operative systems. He is member of the executive board of the Smart Ticketing Alliance and member of ITxPT. In the research and innovation field, he has been involved in several European funded projects, such as IMOVE, ARCADE, AUTOPILOT, Galileo for Mobility, GoF4R, IT2RAIL, MOBiNET, smartCEM, EBSF2, ViajeoPlus, Co-gistics.

Roberto Palacin - MyCorridor

Dr. Roberto Palacin is Senior academic at Newcastle University where currently leads a research group on rail systems as well as being Degree Program Director for mechanical engineering. Roberto has over 20 years experience in academia working on transport research in areas such as urban mobility, systems thinking and decarbonisation of transport networks. He is currently coordinator of MyCorridor.

14.15 – 16.00 PARALLEL SESSION: 5. Green Vehicles – Modelling and testing of EVs

Moderation

Georgios Tzamalis (DG MOVE)

Peter Prenninger (AVL)

Horst Pfluegl - OBELICS

Horst Pfluegl is Coordinator of the OBELICS project and Global Research Program Manager at AVL Instrumentation & Test Systems. Horst has extensive experience in managing R&D projects, among which is the Asterics EU project. He studied Electrical Engineering & Automation in TU Graz and started at AVL in 1995 in the business segment Powertrain Calibration Technologies as Software Engineer, where he finally was responsible for the entire R&D activities as Head of Development. As Global Research Programme Manager he is planning and supervising research projects in the strategic division "Instrumentation and Test Systems". He was and is involved in many European Research Projects like CESAR, CRYSTAL, ENABLE-S3 and HiPerform and provides inputs to EU research roadmaps in EARPA, EGVIA and ECSEL.

Philippe Desprez - DEMOBASE

Dr.-Ing. Philippe Desprez, graduated from ENSIC (National High School for Chemical Engineering) in 1991, with a PhD in Process Engineering developing laser rapid prototyping and metallization technics. He worked at Semitool (MT, US) as Research Engineer on copper electrodeposition on wafers. He was Research Engineer on battery electrochemistry at Alcatel-Lucent from 1997 to 1999. He joined Saft in 1999 and started activities in battery and supercapacitor systems. He led Saft Research Battery Management and Modeling Group at Saft Corporate Research Center. In 2018, he joined Saft Solid State Battery Program as Modelling Expert. He is Saft Certified Senior Expert.

Jens Ewald - HiFi-ELEMENTS

Jens Ewald received his PhD in Mechanical Engineering at RWTH Aachen University in 2006 on the topic of simulation of premixed turbulent combustion. He joined FEV in 2006. Since 2016 he holds the position of Senior project manager where he is responsible for various developments: EU project programme management for Automatized Simulation Integration of BEV, Gasoline Engine Development (Miller Cycle T/C Engine update; Water injection and recovery for Gasoline engine; High CR serial production NA engine) and serial Production Calibration for European Premium OEM.

14.15 – 16.00 PARALLEL SESSION: 6. Green Vehicles – Weight reduction & electric drivetrains

Moderation

Michal Klima (INEA)

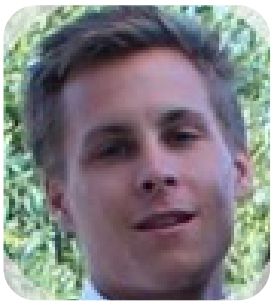
Zissis Samaras (LAT/Aristotle University)

Thilo Bein - ALLIANCE

Thilo Bein is Head of Knowledge Management at the Fraunhofer LBF being responsible for all publicly funded research. Over the last years, Mr. Bein participated in and managed various projects on lightweight design, smart structures and noise & vibration problems. Most recent, he was the project secretary of the H2020 project ALLIANCE. Furthermore, he is chairman of the Foresight Group ICPD of EARPA (European Automotive Research Partners Association), is member of ERTRAC (European Road Transport Research Advisory Council, co-chair of working group Global Competitiveness), ERTRAC SIG and the European Green Vehicle Initiative Association (EGVIA), among others.

Jianguo Lin - LoCoMaTech

Professor Jianguo Lin, Fellow of Royal Academy of Engineering (FREng), is a TATA Steel and Royal Academy of Engineering Research Chair, Professor in Mechanics of Materials at the Department of Mechanical Engineering Imperial College London, UK. Professor Lin's research expertise is in Materials and Process modelling, Solid/Computational Mechanics, which includes micro-mechanics modelling, and its application in creep-damage, cyclic-plasticity-damage, viscoplasticity and advanced plasticity manufacturing technologies. He joined Imperial College from the University of Birmingham in 2008 and established a Metal-forming and Materials Modelling Group at Imperial. The Group has an international reputation in developing new metal forming processes, multiscale materials and process modelling. Specifically, the Group have patented new hot stamping processes for Steel and Aluminium. He is a Founder of Impression Technologies Ltd (a Spin-off company of Imperial), which is resulted from one of his patented techniques on hot stamping of high strength aluminium alloys.



Charley Lanneluc - ModulED

Charley Lanneluc graduated in electrical engineering from the national institute of Hydraulics, Energy and Environmental engineering, in Grenoble (2017). He worked on the optimization of multi sources system at the French national railway company. He started as a signal processing engineer, working on battery management system algorithm in a start-up company. Then, he joined CEA in 2017, as a power electronics and embedded systems engineer. He works in power electronic systems, modelling, simulation, design and test of electric circuits. His main area of competence is focused on the use and integration of wide bandgap semiconductors, mainly gallium nitride (GaN) device for automotive & power converter application. He is also project manager and European coordinator for H2020 project.

Mikko Pihlatie - DRIVEMODE

Dr. Mikko Pihlatie is Research Team Leader, Electrical Powertrains and Storage at VTT Technical Research Centre of Finland. He is certified project manager (IPMA C) and holds D.Sc (Tech) from Aalto University. He is involved in several projects on transport electrification and batteries, and coordinator of the H2020 project DRIVEMODE on modular electric powertrains. Current research interests include commercial electric vehicles and their systems, especially electrification of city buses and techno-economics of their systemic viability. Other areas of interest are technologies and systems for electrochemical energy storage in batteries, and electric vehicles charging infrastructures and system design and operation concepts for electric mobile machinery and marine propulsion.

Alicia Rodríguez - ReFreeDrive

Alicia Rodríguez is a physicist, senior Project manager and works at Fundación Cidaut (Spain) in the Materials and Processing Technologies department. She has been involved in numerous R&D projects at the national and international level, most of them related to designing, manufacturing and joining processes for industrial metal components. Her expertise is multiphysics simulation and she is also responsible for the ELMG simulation research in Cidaut. She has been working and coordinating several projects in different fields of transport and energy, such as aeronautic, renewable energies and automotive. She is currently the coordinator of the REFREEDRIVE Project.

16.30 – 18.15 PARALLEL SESSION: 7. Automated driving at our doors

Moderation

Ludger Rogge (DG RTD)

Armin Grater (BMW)

Aria Etemad - L3Pilot

Aria Etemad is a senior project manager at Volkswagen Group Research where he has been working in the area of Advanced Driver Assistance Systems (ADAS) and automated driving. Before joining Volkswagen in 2013, Aria worked for Ford Research and Advanced Engineering in Aachen and Visteon Automotive Systems in Cologne, Germany. Aria has been actively involved in several European projects. Between 2008 and 2017 he was Coordinator of three leading European projects in the area of ADAS and automated driving: euroFOT, the first European large-scale field operational test for studying the benefit of ADAS on traffic safety and efficiency; interactIVe, which dealt with the development of the next generation of ADAS that autonomously brakes and steers to avoid vehicle collisions; and AdaptIVe, a major European effort for developing Automated Driving Applications & Technologies. He currently leads L3Pilot, a large-scale European pilot for bringing SAE level 3 automated vehicles to European roads.

Marika Hoedemaeker - ENSEMBLE

Dr. Marika Hoedemaeker is a senior project manager at TNO, where she has been conducting human factors research in mobility since 1999. After finishing her study in experimental psychology, she went to the Delft University of Technology to work as a PhD student on the introduction of Automated Vehicle Guidance systems in personal road transport, especially the effects of Adaptive Cruise Control on individual driver behavior and the acceptance of driver support systems by individual drivers. At present her main activities are focused on managing complex research projects (e.g. EU-UDRIVE, GOAL ...). She is currently coordinating the ENSEMBLE project. The ENSEMBLE project is paving the way for the adoption of multi-brand truck platooning in Europe that will improve fuel economy, CO2 emissions, traffic capacity and throughput for the road freight sector.

Dimitri Konstantas - AVENUE

Prof. Dimitri Konstantas is Professor at the University of Geneva, director of the Information Science Institute of the Geneva School of Economics and Management. He is presently coordinator of the European project AVENUE, targeting in the deployment of Autonomous Vehicles for public transportation. Prof. Konstantas has a more than 30 years experience in networks, multimedia, Information security and mobile applications, having created 3 start-ups and served as advisor to several European companies and governments.

16.30 – 18.15 PARALLEL SESSION: 8. Green Vehicles – From chemistry to pack integration: batteries for e-mobility

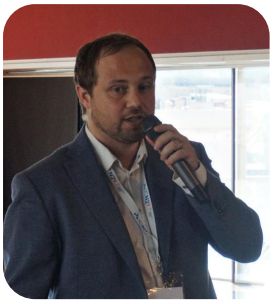
Moderation

Julija Sakovica (DG RTD)

Simon Edwards (Ricardo)

Robert Dominko - HELIS

Robert Dominko is employed at the National Institute of Chemistry in Slovenia. His research interests are in the field of materials science and electrochemistry, more precisely in electrochemical systems for energy storage, with main activities on the field of modern battery systems. He has published more than 130 per reviewed papers (H index 49). He is a deputy director of European virtual research laboratory for batteries Alistore ERI (http://alistore.eu/). He is a core member of battery initiative Battery2030+. He was awarded by several awards including Honda initiation grant in 2013. He is a member of Slovenian Academy of Engineering.



Christophe Aucher - ALISE

Christophe Aucher holds a doctorate in Energy and Material Sciences from both the Universities of Québec at Montréal and the Material Institute of Nantes. His research has been focused on energy storage systems as lead-acid batteries, supercapacitors and Lithium ion technologies. Since 2011, he is developing his career at LEITAT, which is a private Technological Centre based at Barcelona and dedicated to R&D activities and technological transfers to industrial sectors. Christophe is leading the LEITAT Energy Storage Team. The Energies Storage Team from LEITAT is currently involved in National and European initiatives for electrical mobility, stationary and wearable electronics.

Wolfram Kohs - IMAGE

Wolfram Kohs studied Technical Chemistry at Graz University of Technology and finished his Diploma Thesis in 2002 (focus: lithium-ion batteries) and workd on his PhD until 2005. From 2006 to 2014 he worked in the R&D department at Roche Diagnostics Graz GmbH on the development of different electrochemical sensors measuring in blood, corresponding measuring techniques, and calibration fluids for the sensors. In 2015 Wolfram Kohs joined the Mobility Department at AIT GmbH, Vienna. The area of responsibilities comprised research on 5V cathode materials for lithium-ion batteries in a H2020 project, and project coordination for the acquisition of a dry room and of a pilot production line for building research scale lithium-ion cells.In 2017 he started at the Global Battery Competence Team at AVL List GmbH in Graz. He coordinates R&D activities as well as supports different battery development projects for the automotive industry.

David Storer - GHOST

In 1991 Dr. Storer joined CRF, the Research & Innovation Centre of FIAT and now FCA (www.fcagroup.com), located near Torino in Italy, working initially as a technical specialist and successively as group leader and department head working in the areas of structural dynamics, vibrations and acoustics. Since 2004 he has been involved in coordinating and implementing the collaborative research & innovation strategy at CRF. He currently represents CRF-FCA in EUCAR and the Industry Delegation of the EGVI, and is actively involved in several EU Technology Platforms including ERTRAC, in which he co-leads the Global Competitiveness Working Group, and EPoSS. Since May 2019 he works in the Global Networking team of FCA with responsibility for establishing and maintaining partnerships with key Universities and research centres-of-excellence around the world with regard to both performing key research in specific areas and developing high-level technical development programmes.

Iosu Cendoya - iModBatt

Iosu Cendoya received his degree of Industrial Engineer at the School of Engineering of San Sebastian, (TECNUN), specialized in Electronics (2001). During 2001-2006 he worked for CEIT-TECNUN as Researcher in the field of passive integrated circuits. Since 2006 until 2011, he worked for INDAR Electric, focused on the design and manufacturing of wind generators. In 2011 he started his current job, as Project Manager in the CIDETEC institute for Energy Storage. His activity is focused on European projects management, especially in the field of battery pack development for automotive applications.

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DAY 2 - 5 December

10.00 – 11.30 PARALLEL SESSION: 9. New mobility paradigm, new vehicles, how could the mobility of tomorrow look like?

Moderation

Patrick Mercier-Handisyde (DG RTD)

Ian Faye (Bosch)

Johannes Rodenbach - STARS

Johannes Rodenbach (PhD) is active at Autodelen.net, the network for car sharing in Belgium, since 2017. As policy and project officer he advises local authorities on the implementation of car sharing and Mobihubs and coordinates the tasks from Autodelen.net within the European STARS and ART.Forum projects.

Ghadir Pourhashem - MoTiV

Dr. Ghadir Pourhashem is a senior researcher and project manager for H2020 MoTiV (Mobility and Time Value) project in the Department of International Research Projects (ERAdiate+) at the University of Žilina in Slovakia, he joined ERAdiate (FP7 pilot ERA Chair) on March 2017. He has spent several years of his career and education in researching and consulting activities at national and European level through collaborating in several national and EU-funded projects (FP7, H2020, Interreg) mostly in the field of transportation planning and sustainable mobility with various international groups since 2004. He holds a Ph.D. in transportation engineering and planning from the Polytechnic University of Torino in Italy.

Imanol Egaña - WEEVIL

Imanol Egaña joined Magnetism division of Automatic Control Unit of TEKNIKER in 2012. He has got a PhD in Electrical Engineering on design of high-speed permanent-magnet machines. His main expertise is related to the design of all kind of electromagnetic actuators, and has worked on research projects as well as industrial projects about electric traction (electric vehicle, train, ship), aircrafts' shock absorption, and flywheel kinetic energy storage. He has been the project coordinator and member of the e-motor group of the recently finished H2020 EU project WEEVIL. He is member of the coordination group for Electric Mobility activities within TEKNIKER.

Evangelia Portouli - ELVITEN

Dr. Evangelia Portouli holds a Mechanical Engineer degree with excellence from the National Technical University of Athens (1991) and a PhD on Cognitive ergonomics from the same Institute (2015). She is a Senior Researcher and leader of the Administration, Quality and Dissemination of the I-SENSE Group of ICCS, involved in driving automation and electromobility research activities. In the period 1991-1994 she has worked in an industrial company, designing and developing prototype systems for vehicles. Since 1994 she has worked as research consultant on intelligent transportation systems. In the period 2005-2010 she has worked as researcher in the Hellenic Institute of Transport of the Centre for Research and Technology Hellas. She is the author of 14 journal publications, 4 book chapters and has 24 presentations in conferences. Her scientific interests include the ergonomic design and development of driving automation and support systems.

Dolores Ordoñez - STEVE

Dolores Ordoñez holds a degree in Law by Deusto University (Spain), is specialized in European Community Law and holds an Executive Master in Innovation. She has been the head of European projects in different public administrations in the Balearic Islands and in the private sector. She is involved in different EU projects as STEVE (smart mobility H2020 GV10), CREATE-IoT (H2020 IoT), EXTREMA (DGECHO Extreme temperatures in smart destinations), TRIBUTE (DGECHO, prevention of risks caused by foods), etc. She is evaluator for the European Commission. She is the vice president of the international cluster of Tourism, TURISTEC and vice president of the technological platform PLANETIC. As technical director of AnySolution she is in charge of strategic innovative plans for public and private entities and the development of the IoT platform NADIA.

10.00 – 11.30 PARALLEL SESSION: 10. Towards ultra-low emission combustion engines

Moderation

Marina Kousoulidou (INEA)

Roland Dauphin (Concawe)

Herwig Ofner - DiePeR

Herwig Ofner, Project Manager Research and Development with AVL List GmbH. After his Doctoral thesis at the Institute of Process Engineering, TU Graz and a postdoc assistant researcher at the same institute, he joined AVL in 1988. He gained extensive experience in the field of engine development, fuel injection systems, fuels including alternative fuels, after treatment systems, as well as model development and simulation.

Harald Stoffels - THOMSON

Dr. Harald Stoffels, Technical Expert for Powertrain Attributes within the Ford Powertrain R&A organisation, is graduated in mechanical engineering (RWTH Aachen), Ph.D. in applied thermodynamics & acoustics (University of Cambridge). He joined Ford in 1995, starting his career within the global manual transmission engineering team with focus on system integration and attributes from concept to series production implementation. Since 2001 he is responsible for powertrain integration aspects and attributes, including driveability and noise and vibration aspects. From 2011-2013 in charge of powertrain integration aspects of new diesel engine platforms within the Ford-PSA cooperation. Project leader of numerous projects on engine downsizing and future downsizing approaches and attributes and powertrains, including HEV-powertrains. Project leader (chair) of several cross-industrial research projects (e.g. FVV e.V.), and numerous university research projects.

Zissis Samaras - UPGRADE

Zissis Samaras is Professor and Director of the Lab of Applied Thermodynamics, Aristotle University, Thessaloniki. His research work deals primarily with engine and vehicle emissions testing and modelling. He has provided expert advice to a number of organizations and private sector customers, including the European Commission and the Environment Agency, the World Bank, ACEA, CONCAWE. He coordinated a number of large European projects and is elected Academic Member and Vice Chairman of ERTRAC on «Energy, Environment and Resources». He co-authored more than 300 scientific publications, among them more than 150 in peer-reviewed journals, which received more than 3500 citations in peer reviewed articles, reviews and technical notes. Dr. Samaras has four international patents on topics related with exhaust gas aftertreatment and biofuels. He is the co-founder of two spin-off companies Exothermia SA (active in the field of exhaust aftertreatment) and Emisia SA (in the field of road transport emission inventories).

Simon Edwards - PaREGEn

Simon Edwards has been working in the automotive industry for over 35 years. Gaining experience at an OEM (LeylandDAF Trucks), a Tier 1 supplier (Mahle Behr) and an RTO (Ricardo). He is currently Global Director, Technology at Ricardo, based out of their operations in Germany. His responsibilities include the government funded research portfolio around the group. This portfolio includes the PaREGEn project, where Simon has been the coordinator. Simon is author or co-author of over forty technical papers, co-editor of two books on statistics for engine optimisation and has been on the organizing committees of various conferences around the world. He is a Vice-Chairman of ERTRAC and the immediate past Chairman of the European Automotive Research Partners Association (EARPA) in Brussels. He has also been a visiting lecturer at and is a member of the technical advisory board for the Esslingen University of Applied Sciences, Germany.

11.45 – 13.00 PARALLEL SESSION: 11. Green Vehicles - Take the user perspective

Moderation

Monica Giannini (INEA)

Christof Schernus (FEV)

Antonio Sciarretta - OPTEMUS

Antonio Sciarretta is with IFP Energies Nouvelles, Rueil Malmaison, France, since 2006, and he is currently managing research projects on the control and optimization for connected and automated vehicles. He received his M.Sc. in 1995 and Ph.D. in 1999, both from the University of L'Aquila, Italy. Before joining IFPEN he has hold various teaching and research positions at Univ. L'Aquila and ETH Zurich. He has hold the Tuck foundation Chair on Hybrid vehicles and energy management (2009-2016) and that on Electric, connected, and autonomous vehicles for smart mobility (2019-present) at IFP School. He has coauthored the Springer books "Vehicle Propulsion Systems" and "Energy-Efficienct Driving of Road Vehicles".

Dragan Šimić - QUIET

Dragan Šimić was born in 1973. He received the Dipl. Ing. degree in mechanical engineering from Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture University of Split, Split, Croatia, in 1999 and PhD from the Vienna University of Technology, Austria, in 2007, respectively. He received the MBA degree in Automotive Industry from the Vienna University of Technology, Austria and the Slovak University of Technology in Bratislava, Slovakia, in 2013. Since 2002, he has been with AIT Austrian Institute of Technology, as Thematic Coordinator of Propulsion Technology Team. His research activities are focused on the longitudinal dynamics simulation of the conventional- and hybrid vehicles including the simulation of the auxiliaries. He is member of the Modelica Association.

Ines Munoz Sanchez - DOMUS

Ines studied and completed her Master's thesis on Environmental Science at Wageningen University in 2012. Since then, she has specialized on defining research proposals and managing projects on several fields related to climate changes, such as air quality or water management. At IDIADA, she has been managing all levels of coordination of two major H2020 projects, technical, financial and operational, building and ensuring a high level of trust communication within the project consortium.

11.45 – 13.00 PARALLEL SESSION: 12. Improving air quality: it starts with measurement

Moderation

Maurizio Maggiore (DG RTD)

Peter Prenninger (AVL)

Leonidas Ntziachristos - DownToTen

Leonidas Ntziachristos is a Professor of Mechanical Engineering at the Aristotle University Thessaloniki and Adjunct Professor at the Physics Department of the Tampere University of Technology, and one of the founding members of EMISIA SA, a spin-off company of Aristotle University. His research interests include pollutants formation and control, exhaust aerosol sampling and characterization, and emission models and projections development. Currently, he works on the development of aerosol instrumentation and sensors for diesel exhaust aerosol as well as models for the calculation of air pollutants and greenhouse gases from transport modes. He is responsible for the development of COPERT software, on behalf of the EEA and the JRC and co-chairs the transport expert panel of the UNECE Task Force on Emission Inventories and Projections. He has more than 120 international peer review journal publications.

Dimitrios Zarvalis - SUREAL-23

Dimitrios Zarvalis is a Chemical Engineer (Dipl. Chemical Engineering -Aristotle University of Thessaloniki, Master on Business Administration MBA-UK), and has a more than 20 years of professional engineering experience. His work mainly involves research on the measurement of engine exhaust emissions and development of emission control systems. A Research Engineer since 1998 at APTL/CERTH, he is responsible for green mobility related projects. He has participated in numerous national and EU research projects (among others, in "SUREAL-23" H2020 – GV2 project). He is the author of more than 25 publications in peer-reviewed scientific journals and conference proceedings.

Philipp Kreutziger - PEMs4Nano

Philipp Kreutziger is a research and development scientist at HORIBA where he is active in the team in charge of the development concepts, prototypes and further development of existing measurement devices in HORIBA Automotive Segment for gaseous components, aerosols and particles. He has been graduated in Process Engineering from the Technical University Freiberg in 2014. For almost four years, he has been working for an exhaust aftertreatment TIER 1 supplier and joined his current position in July 2018.

14.00 – 15.15 PARALLEL SESSION: 13. C-ITS and infrastructure for CAD

Moderation

Rafal Stanecki (DG MOVE)

Mats Rosenquist (Volvo)

Evangelia Portouli - ICT4CART

Dr. Evangelia Portouli holds a Mechanical Engineer degree with excellence from the National Technical University of Athens (1991) and a PhD on Cognitive ergonomics from the same Institute (2015). She is a Senior Researcher and leader of the Administration, Quality and Dissemination of the I-SENSE Group of ICCS, involved in driving automation and electromobility research activities. In the period 1991-1994 she has worked in an industrial company, designing and developing prototype systems for vehicles. Since 1994 she has worked as research consultant on intelligent transportation systems. In the period 2005-2010 she has worked as researcher in the Hellenic Institute of Transport of the Centre for Research and Technology Hellas. She is the author of 14 journal publications, 4 book chapters and has 24 presentations in conferences. Her scientific interests include the ergonomic design and development of driving automation and support systems.

Julian Schindler - TransAID

Julian Schindler is working at the Institute of Transportation Systems at the German Aerospace Center (DLR) in Braunschweig, Germany, since 2006. As computer scientist he first was responsible for the software architecture of several driving simulators. Working on the ergonomic design of vehicle automation functions, he was participating in several national and international projects, like EU-FP6-Citymobil, EU-FP7-interactIVe, EU-FP7-HAVEit and EU-FP7-ISiPADAS, where he was leading a workpackage. In H2020 he finally was one of the three coordinators of MAVEN and became coordinator of TransAID. Since 2017, he is also leading the group “Development of Vehicle Functions” at DLR.

Adrià Ferrer - C-MobILE

Adrià holds an Automotive Engineering degree by The Polytechnic University of Catalonia (UPC) and works since 2011 at Applus+ IDIADA. He currently is a Project Manager at the Innovation department and is dedicated to integrated safety and autonomous driving research and innovation projects. He joined the innovation department after working at the Passive Safety department for 3 years. During this time, he has been involved in several FP7 projects related to child safety, accident investigation, road safety analysis and pedestrian protection.

14.00 – 15.15 PARALLEL SESSION: 14. Urban mobility: enhance integration and inclusiveness

Moderation

Piotr Rapacz (DG MOVE)

Ivo Cré (POLIS)

Ralf Brand - SUNRISE

Dr. Ralf Brand has a PhD in Community and Regional Planning with a decade of experience in action research (USA & UK) at the intersection of the built environment and social practices. Since 2013 he deploys socio-technical concepts to issues around sustainable mobility at Rupprecht Consult, Germany. He developed, coordinated or contributed to various FP7 and H2020 projects such as TRANSFORuM, SWITCH, ELIPTIC, INCLUSION, ReVeAL, SUNRISE. The latter focuses on co-creation processes for sustainable mobility in urban neighbourhoods. Ralf leads Rupprecht Consult's team «People-focussed mobility solutions».

Simone Bosetti - HiReach

Simone Bosetti, partner and senior transport expert at TRT Trasporti e Territorio (Italy), has 20 years of experience in transport planning and transport policy analysis, with a long record of experience in both domestic and international studies, having served as key expert in service and research projects for the European Commission and other international organisations. Since 2017, he is the project coordinator of the HiReach project, funded under the EU Horizon 2020 research programme, dealing with transport equity and inclusion, and chair of the Coordinating Group of the European Platform on Sustainable Urban Mobility Plans.

Pasquale Cancellara - INCLUSION

Pasquale is Project and Membership Services Manager at Polis. He works on several EU projects including INCLUSION (accessibility and inclusive mobility), SUNRISE (mobility challenges at the neighbourhood level), Park4Sump (integration of innovative parking management into SUMP policies), GECKO (Governance for new mobility solutions). He holds a 4-Universities European joint master's degree in cultural projects and planning, a postgraduate diploma in Urban Renewal from the UPC Barcelona and a M.Phil from the University of Milan. You can contact him in English, Italian, French, Spanish or Dutch.

14.00 – 15.15 PARALLEL SESSIONS: 15. Green Vehicles – Truck of the future

Moderation

Guido Sacchetto (DG RTD)

Christof Schernus (FEV)

Alois Danninger - IMPERIUM

Alois Danninger is Manager Engine Controls at the Engineering & Technology Powertrain Systems department in AVL. He has 17 years' experience in powertrain and engine controls and a PhD in control engineering. He started his career on Advanced algorithms and Production Software for Diesel Engines, Hybrid and Transmission control. In 2014, he became Manager Engine Controls at AVL Graz including Diesel and CNG engines and in 2017 he became department manager Diesel Management systems at AVL S&F Regensburg. He also made several publications and presentations at international journals and conferences.

Jean-Charles Pandazis - optiTruck

Jean-Charles Pandazis, optiTruck coordinator, joined ERTICO as Head of Department Clean Mobility, in 2009. He holds a Master degree in Electrical Engineering from the Swiss Federal Institute of Technology in Lausanne (EPFL) and from the Georgia Institute of Technology in Atlanta. He built his career at Bosch Corporate Research in the field of Driver Assistance with focus on predictive navigation. Seconded by Bosch to ERTICO from 1996 to 2003, he developed a "shared vision for ITS in Europe 20 years ahead", then developed activities related to map databases and driver assistance like the EU projects NextMAP, ActMAP, FeedMAP. He was the coordinator of the EU Integrated Project eCoMove. He was also the author of the ERTICO Thematic paper on «ITS for Energy Efficiency». He is currently coordinating three ERTICO industrial platforms ADASIS, SENSORIS and eMI3.

Cor van der Zweep - AEROFLEX

Cor van der Zweep is specialised in (inter)national (mostly European) R&D project initiation, formation of consortia, acquisition of R&D funds, R&D project management and business development in Uniresearch. He is responsible for the 12 grant consultants / project managers and 5 project support employers working on project management, project administration and dissemination activities on H2020 grants, national grants and developing new innovation projects. As a Senior Grant Consultant and senior Project manager, he is responsible for setting up and project proposals defintion for national NL and EC co-funded research projects.

15.15 - 15.35 STAY AT THE FOREFRONT OF GLOBAL COMPETITION – THE SKILLS CHALLENGE

Thierry Goger - SKILLFUL

Thierry is the Secretary General of FEHRL – the association of the European National Road Research Centres. He is actively involved in the development and the promotion of strategic R&D&I agendas and programmes in the field of road and transport infrastructure. Thierry represents actively FEHRL in various stakeholders' platformss such as ERTRAC and ECTP. He also regularly directly liaises with policy-makers in particular the European Commission and Parliament as well as transport authorities (e.g. CEDR – Conference of the European Road Directors). On the research side, Thierry is the coordinator or member of a large number of European projects, including the very innovative ERA-Net scheme "INFRAVATION" where FEHRL enables the unique cooperation between European and US funders as well as research providers.

15.35 – 16.00 CLOSING SESSION: OUTLOOK OF THE PARALLEL SESSIONS

Jean-François Aguinaga - DG RTD- European Commission

Jean-François Aguinaga is Head of Unit "Future Urban & Mobility Systems", Directorate General (DG) Research and Innovation at European Commission. He studied at the Ecole Supérieure de Commerce de Paris had a PhD in roman languages and civilisations at the University of Paris, as well as a master in public administration. In his professional career, he went through management positions at the French Ministry of Foreign Affairs. He joined the European Commission in September 1994, within a team in charge of economic co-operation with Latin America. In 2002, he joined the DG Enterprise and Industry as sherpa for the financial instruments for SMEs (2007-2013). Starting in 2006, he has been responsible for the EIC network, then from 2008 for the phasing-in of the Enterprise Europe Network. After leading the «Textile, fashion, design and creative industries» unit in DG Enterprise and Industry and the «European standards» unit in DG Growth, he joined the DG for Research and Innovation in 2017.

Zissis Samaras - LAT/Aristotle University - ERTRAC Vice Chairman

Zissis Samaras is Professor and Director of the Lab of Applied Thermodynamics, Aristotle University, Thessaloniki. His research work deals primarily with engine and vehicle emissions testing and modelling. He has provided expert advice to a number of organizations and private sector customers, including the European Commission and the Environment Agency, the World Bank, ACEA, CONCAWE. He coordinated a number of large European projects and is elected Academic Member and Vice Chairman of ERTRAC on «Energy, Environment and Resources». He co-authored more than 300 scientific publications, among them more than 150 in peer-reviewed journals, which received more than 3500 citations in peer reviewed articles, reviews and technical notes. Dr. Samaras has four international patents on topics related with exhaust gas aftertreatment and biofuels. He is the co-founder of two spin-off companies Exothermia SA (active in the field of exhaust aftertreatment) and Emisia SA (in the field of road transport emission inventories).

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