

CONFERENCES

Wednesday, 7 March 2012

(8.00)	
OPENING OF REGISTRATION DESK	ENTRANCE HALL
(8.00 - 10.00)	
VISIT OF THE GENEVA MOTOR SHOW	MOTOR SHOW
(10.00 - 12.00)	
GREEN BRUNCH	
10.45: IAMF Press Conferences	PAVILLON VERT
(12.00 - 13.00)	
WELCOME COFFEE & DIALOGUE SESSION (POSTERS)	ROOM K
(13.00-14.30)	
SESSION 1: OVERVIEW/MOBILITY CONCEPTS	ROOM K
Chair: Bernhard Gerster, IAMF President, Bern University of Applied Sciences	
(13.00 - 13.30)	
PHILIPP DIETRICH (keynote speaker), PAUL SCHERRER INSTITUT	Progress towards a sustainable individual mobility
Martijn Van Walwijk, Independent Consultant on Automotive Fuels and Drive Trains	Opportunities of Algae as Feedstock for Renewable Automotive Fuels
Luca Buzzoni, Regione Emilia-Romagna	Lowering Carbon Output of Urban Transport through the Use of Sustainable Innovative Technologies and Management Models: The I.M.O.S.M.I.D. Project
Giefried Jungmeier, Joanneum Research	Life Cycle Assessment of Electric Vehicles in a New Task of the IEA Implementing Agreement on Hybrid and Electric Vehicles (IA-HEV)
(14.30 - 15.00)	
INTRODUCTION OF POSTERS	
(15.00 - 15.30)	
DIALOGUE SESSION (POSTERS) & COFFEE BREAK	FOYER
(15.30 - 17.00)	
SESSION 2: HUMAN BEHAVIOUR	ROOM K
Chair: Yves Lehmann, President of e'mobile association	
(15.30 - 16.00)	
THOMAS EBELING (keynote speaker), NISSAN INTERNATIONAL SA	Human Behaviour
Bettina Zahnd, AXA Winterthur	Braking Behaviour of Young Drivers
Elena Mugellini, University of Applied Sciences of Western Switzerland, Fribourg	Improving vehicular user experience through context-aware multimodal interaction
Peter De Haan, Ernst Basler + Partner AG, ISI Fraunhofer	Changes in Human Behavior for a Future Mobility: Are they Necessary, Possible, and Feasible?
(17.00 - 17.30)	
DIALOGUE SESSION (POSTERS)	FOYER
(17.30 - 18.30)	
PAVILLON VERT OF GENEVA MOTOR SHOW (GUIDED TOUR)	MOTOR SHOW
(18.30)	
COCKTAIL DINNER ON THE SWISS ASSOCIATION E'MOBILE AND GASMobil STANDS	MOTOR SHOW

CONFERENCES

Thursday, 8 March 2012

(8.00 - 9.00)	
WELCOME COFFEE & DIALOGUE SESSION (POSTERS)	
(9.00 - 10.30)	
SESSION 3: DRIVE TRAIN	ROOM K
Chair: Philippe Aussourd, President of AVERE	
(9.00 - 9.30)	
REINHARD OTTEN (keynote speaker) AUDI AG	The Audi e-Gas Project – Sustainable Mobility for Short and Long Distances
Allan Cooper, EALABC - The European Advanced Lead-Acid Battery Construction EEIG	Mild HEV Performance at Micro Hybrid Cost – A Low Voltage Lead-Acid Approach
Aymeric Rousseau, Argonne National Laboratory	Impact of Emissions on Fuel Consumption of Series and Power Split PHEVs using Engine-in-the-Loop
Gil Georges, ETHZ - Swiss Federal Institute of Technology Zurich	Driving Cycles and their Influence on Conventional Powertrains and Hybrid Electric Powertrains
(10.30 - 11.00)	
DIALOGUE SESSION (POSTERS) & COFFEE BREAK	FOYER
(11.00 - 13.00)	
SESSION 4: SMART INTERACTIVE AND OTHER NEW TECHNOLOGIES	ROOM K
Chair: François Cuenot, Energy Analyst, Energy Technology Policy Division, IEA	
(11.00 - 11.30)	
RIEDER KIRSTAN (keynote speaker), ALTRAN	Connected Car Challenge
Hardi Hõimoja, EPFL - Swiss Federal Institute of Technology Lausanne	Infrastructure Issues Regarding the Ultrafast Charging of Electric Vehicles
Andreas Fuchs, EKZ - Elektrizitätswerke des Kantons Zurich	Cost effective but functionally highly capable Charging Infrastructure for Electric Cars
Samuel Bürki, AFHB - Bern University of Applied Sciences	Influences of RME Blends on DPF Regeneration
Jaroslaw Mamala, Opole University of Technology Poland	Estimation of the Driving Force and Drag Force of the Powertrain system with the Use of a Universal Portable Device in Road Test
(13.00-14.00)	
DIALOGUE SESSION (POSTERS) & COCKTAIL LUNCHEON	FOYER

DIALOGUE SESSION (POSTERS)

WEDNESDAY & THURSDAY, during breaks

OVERVIEW/MOBILITY CONCEPTS

David Dyntar, ETHZ - Swiss Federal Institute of Technology Zurich	Development of a SunCar - Serial Hybrid Electric Vehicle
Johannes Hofer, PSI - Paul Scherrer Institut	Fuel Economy Improvements of Swiss and European New Passenger Vehicle Sales
Marcel Hofer, PSI - Paul Scherrer Institut	Development of High Power Density PE Fuel Cell (PEFC) System Based on Hydrogen/Oxygen
Alain Le Duigou, IFP School - Ecole d'Ingénieur d'Application CEA - French Alternative Energies and Atomic Energy Commission	On the Competitiveness of Electric Driving
Manfred Josef Pauli, Mobility Academy	Bringing Switzerland in the Pole Position - The Swiss Road Map Electromobility
Olivier Perroud, Verbier eMotion	Verbier eMotion - Verbier goes electric!
Martin Redelbach, DLR, Institute of Vehicle Concepts	Competitive Cost Analysis of Alternative Powertrain Technologies
Norman Starke, Proof Technologies	Automotive Solar Applications

DRIVE TRAIN

Jean-Philippe Chavey, CPNV - Centre Professionnel du Nord Vaudois	Green Race: Online Autonomy Calculator for EVs
Karine Sbirrazzuoli, AVERE - The European Association for Battery, Hybrid, and Fuel Cell Electric Vehicles	SAFEDRIVE: an FP7 Funded Project to Develop a Low Voltage Full Series Hybrid or Pure Electric Drivetrain for Use by Members of AVERE
Martel Tsirinomeny, EPFL - Swiss Federal Institute of Technology Lausanne	Ultrafast Charging Compatibility of Electric Vehicles

SMART INTERACTIVE AND OTHER NEW TECHNOLOGIES

Klaus D. Beccu, Battelle Geneva Research Center	The Challenge of Energy Storage
Patrick Haas, Biomobile / HEPIA - Haute Ecole du Paysage, d'Ingénierie et d'Architecture Geneva	Use the Miller Thermodynamic Cycle to Optimize a Very Low Consumption Engine

IAMF

INTERNATIONAL ADVANCED MOBILITY FORUM
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during the Geneva International Motor Show

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