

1. Full Day Summit: City Challenges, to achieve Better Places to live, work and travel

Setting the scene

2009-05-13, 10:00-11:00

- * Harald N. Røstvik, INTRODUCTION
- * Erik Solheim, THE GOVERNMENT'S VIEW
- * Colin Campbell, RUNNING OUT OF OIL?
- * Rudolf Rechsteiner, IEA FORECASTS: CAN THEY BE TRUSTED?
- * DISCUSSION

A range of solutions

2009-05-13, 11:20-13:00

- * Sue Roaf, ADAPTING CITIES FOR CLIMATE CHANGE
- * Camilla Mørk, ARCOSANTI, AN EXAMPLE?
- * Andrew Scott, STRATEGIES FOR NEW & OLD CITIES
- * Ole Berrefjord, THE ROLE OF SCENARIO-THINKING
- * Thor Erik Musaeus, RENEWABLE ENERGY ISSUES: AN EXAMPLE
- * Marianne Skjulhaug, THE ROLE OF EDUCATION
- * DISCUSSION

Buying Power - Procurement

2009-05-13, 14:00-15:15

Chairman: Robert Stüssi

- * Chelsea Sexton, THE ROLE OF THE CONSUMER
- * Philipp Tepper, THE CITY NETWORKS & PROCUREMENT
- * Silvia Gaggi, EV PROCUREMENT CITY NETWORK
- * Arnhild Dordi Gjønnnes, THE LAW RELATED TO PROCUREMENT
- * DISCUSSION

Message from Stavanger - First Draft

2009-05-13, 15:35-16:45

Chairman: Robert Stüssi

* TEXT PROPOSAL - DEBATE TO IMPROVE TEXT - CONCLUSIONS

2. Workshops and tutorials

Plug-In Hybrid Electric Vehicles

2009-05-13, 09:00-13:00, Grip

Chairmen: Keith Hardy, Cyriacus Bleijs

The role of Hydrogen as Fuel for Road Transportation

2009-05-13, 09:00-17:45, Runde

* Elisabeth B. Ofstad, StatoilHydro, WELCOME TO SESSION 1: "HYDROGEN - FUELLING THE CAR OF THE FUTURE"

* Joan Ogden, UC Davis, OVERVIEW OF THE STEPS (SUSTAINABLE TRANSPORTATION ENERGY PATHWAYS) PROGRAMME

* Philippe Vannson, European Fuel Cells & Hydrogen Joint Undertaking, TOWARDS A HYDROGEN ORIENTED ECONOMY IN EUROPE

* INTRODUCTION OF HYDROGEN IN THE NORWEGIAN ENERGY SYSTEM

* Steffen Møller-Holst, SINTEF, OBJECTIVES AND KEY FINDINGS FROM THE NORWAYS PROJECT

* Ann Mari Svensson, SINTEF, NORWAYS' APPROACH, MAIN ASSUMPTIONS AND METHODOLOGY

* Christoph Stiller, Ludwig-Bölkow-Systemtechnik GmbH, BUILDING A HYDROGEN INFRASTRUCTURE IN NORWAY & THE POTENTIAL FOR CO2 LEAN HYDROGEN EXPORT TO EUROPE

* Kari Espegren, Institute for Energy Technology, TECHNO-ECONOMIC ASSESSMENT OF INTRODUCTION OF HYDROGEN IN SELECTED REGIONS (OSLO, TELEMARK AND ROGALAND)

* Elisabeth B. Ofstad, StatoilHydro, SUMMARY OF SESSION 1

* LUNCH

* Marius Holm, Bellona, WELCOME TO SESSION 2: ROLES AND RESPONSIBILITIES TOWARDS SUSTAINABLE TRANSPORTATION

* Fred Joseck, U.S. Department of Energy, U.S. GOVERNMENT'S ROLE TOWARDS SUSTAINABLE TRANSPORTATION

* Ulf Hafsel, StatoilHydro ASA, INDUSTRIAL OPPORTUNITIES FOR HYDROGEN TECHNOLOGIES AND HYDROGEN IN THE FUEL MARKET

* Gerd P. Haugom, DNV/ International Association for Hydrogen Safety (HySafe), SAFETY ASPECTS AND STAKEHOLDERS' RESPONSIBILITIES

* Eva Solvi, Transnova, TRANSNOVA'S RESPONSIBILITIES AND "TOOLBOX"
TOWARDS ZERO EMISSION TRANSPORTATION

* Ulrich Bünger, NTNU/LBST, NORWAY'S UNIQUE POSITION IN THE EUROPEAN
FUTURE OF ZERO EMISSION TRANSPORT

* Lars-Peter Thiesen, General Motors Europe, FUEL CELL VEHICLES AS INTEGRAL
PART OF THE ELECTRIFICATION OF THE AUTOMOBILE

* Steffen Møller-Holst, SINTEF, ACTIONS NEEDED FOR NORWAY TO BECOME A
KEY PLAYER IN A HYDROGEN-ORIENTED ECONOMY

* Liv S. Navarsete, Minister of Transportation and Communication, IMPLICATIONS AND
FUTURE PERSPECTIVES FROM THE NORWEGIAN GOVERNMENT

* PANEL DISCUSSION: ON THE ROLES OF GOVERNMENT, INDUSTRY AND
ACADEMIA

Lithium & Other Battery Technologies

2009-05-13, 14:00-16:30, Dyna

Chairmen: Peter Van den Bossche, Andrew Burke

* Andrew Burke, university of California-Davis, Institute of Transportation Studies, THE
DEVELOPMENT AND PERFORMANCE OF LITHIUM BATTERIES OF DIFFERENT
CHEMISTRIES AND COMPARISONS WITH OTHER ADVANCED BATTERIES

* Hideaki Horie, The University of Tokyo, ADVANCED LITHIUM-ION BATTERY
SYSTEMS FOR AUTOMOTIVE APPLICATIONS - A BRIEF HISTORY AND FUTURE

* Peter Van den Bossche, Erasmus University College Brussels, ASSESSING THE
ADVANCED BATTERY: STANDARDIZATION AND EVALUATION CHALLENGES
FOR BATTERY-ELECTRIC AND HYBRID-ELECTRIC BATTERIES

Hardware in the Loop Simulation

2009-05-13, 14:00-16:30, Halten

Chairman: Alain Bouscayrol

* Alain Bouscayrol, Université de Lille, HARDWARE-IN-THE-LOOP SIMULATION

* SOFTWARE AND HARDWARE-IN-THE-LOOP (HIL) SIMULATION

* INTEREST OF HIL SIMULATION FOR VEHICLE APPLICATIONS

* SIGNAL AND POWER HIL SIMULATION

* FULL SCALE AND REDUCED SCALE HIL SIMULATION

* TECHNICAL REQUIREMENTS FOR HIL SIMULATION DEVELOPEMENTS

- * ORGANISATION OF A HIL SIMULATION
- * EXAMPLES OF HARDWARE-IN-THE-LOOP SIMULATION
- * SIGNAL HIL SIMULATION FOR TESTING ECU
- * POWER HIL SIMULATION FOR TESTING POWER ELECTRONICS
- * POWER HIL SIMULATION FOR TESTING ELECTRIC DRIVES

3. Plenary sessions

The Opening Ceremony

2009-05-14, 08:45-09:20, Lindesnes

Chairman: Robert Stüssi

- * HRH Crown Prince Haakon of Norway, , OPENING ADDRESS

The Visionary Messages

2009-05-14, 09:20-10:30, Lindesnes

Chairman: Harald N. Røstvik

- * Hermann Scheer, World Council Renewable Energy, THE ENERGY AUTONOMY OPTION, RENEWABLES, TIME FACTOR & POLITICS?
- * Amory Lovins, Rocky Mountain Institute, THE SOFT ENERGY PATH & HEALTH ISSUES

The Music

2009-05-14, 10:30-10:40, Lindesnes

- * Morten Harket, a-ha lead singer, LIVE

The Global, National, Local Players

2009-05-14, 10:45-11:45, Lindesnes

Chairmen: Marco Piffaretti, Thor Erik Musaeus

- * Graham Smith, Toyota Europe, THE FUTURE
- * Richard Canny, Think, THE VIEW OF AN ALL-ELECTRIC NEWCOMER
- * Herbert Kohler, Daimler, OUR NEXT STEPS
- * Frank Weber, GM/Opel, THE NEW DNA OF THE AUTOMOBILE
- * Chelsea Sexton, Lightning Rod Foundation, WHO WILL SAVE THE ELECTRIC CAR?

The Exhibition Stroll - Lunch

2009-05-14, 12:00-13:30, Exhibition Hall

The Design of Carbon Neutral Cities

2009-05-14, 13:30-14:45, Lindesnes

- * Colin Campbell, ASPO, PEAK OIL, A TURNING POINT FOR MANKIND
- * Rudolf Rechsteiner, Member of Swiss Parliament, FORECASTING THE FUTURE ENERGY SCENE
- * Stefan Behling, Foster & Partners, ENERGY EFFICIENT & CARBON NEUTRAL CITY DESIGNS, NORTH AFRICA/MIDDLE EAST

* Peter Head, ARUP, ENERGY EFFICIENT & CARBON NEUTRAL CITY DESIGNS IN CHINA

Talk with us: The Debate

2009-05-14, 15:00-16:15, Lindesnes

Boat trip to Lysefjorden "The Pulpit"

2009-05-14, 18:45-22:00

Several Roads towards Zero Emission

2009-05-15, 16:00-17:30, Lindesnes A

Chairman: Urs Muntwyler

* Jørgen Randers, The Norwegian School of Management, THE LOW EMISSION NORWAY PROJECT

* Ólafur Ragnar Grímsson, President of Iceland, THE ICELANDIC WAY FORWARD

* Margot Wallström, European Union Vice-President, SMART GROWTH

The Gala Dinner

2009-05-15, 20:00-23:00

Closing Plenary

2009-05-16, 10:00-13:00, Lindesnes A

Chairmen: Robert Stüssi, Harald N. Røstvik, Jacques Mollard

4. Lecture sessions

1A: Passenger Cars

2009-05-15, 08:00-10:00, Grip

Chairmen: Martijn Van Walwijk, Yushi KAMIYA

* Mikio Kizaki, TOYOTA MOTOR CORPORATION, DEVELOPMENT OF NEW TOYOTA FCHV-ADV

* Minoru Matsunaga, Honda R&D Co.,Ltd., POWERTRAIN SYSTEM OF HONDA FCX CLARITY FUEL CELL VEHICLE

* Christian Mohrdieck, Daimler AG, NEXT GENERATION FUEL CELL TECHNOLOGY FOR PASSENGER VEHICLES AND BUSES

* René H.E. van Doorn, AUDI AG, THE NEW AUDI Q5 FUEL CELL

* Richard Carlson, Argonne National Lab, INFLUENCE OF SUB-FREEZING CONDITIONS ON FUEL CONSUMPTION AND EMISSIONS ON TWO PLUG-IN HYBRID ELECTRIC VEHICLES

1B: Batteries & Energy Storage

2009-05-15, 08:00-10:00, Lindesnes B

Chairmen: Mario Conte, James Miller

* Sankar DasGupta, Electrovaya, LESSONS: ELECTROVAYA'S TECHNOLOGY ROADMAP & SYSTEM DESIGN APPROACH TO LITHIUM ION SUPERPOLYMER® BATTERY SYSTEMS FOR TRANSPORTATION (FOCUS ON ITS TATA-MILJOBIL-ELECTROVAYA PASSENGER BEV)

* David Howell, U.S. Department of Energy, EE-2G, CURRENT STATUS OF D.O.E.-FUNDED R&D ON ENERGY STORAGE FOR AUTOMOTIVE APPLICATIONS

* Sébastien Martinet, CEA-LITEN, SAFE LI-ION TECHNOLOGY FOR MICRO AND MILD HYBRID APPLICATION BASED ON CEA BIPOLAR LIFEPO4/LI4Ti5O12 TECHNOLOGY

* Peter Pichler, MAGNA STEYR Fahrzeugtechnik AG& Co KG, LITHIUM-ION FOR HYBRID VEHICLES AND ELECTRIC VEHICLES: READY FOR MASS MARKET INTRODUCTION!?

* Danilo Santini, Argonne National Laboratory, FACTORS DETERMINING THE MANUFACTURING COST OF LITHIUM-ION BATTERIES FOR PHEVS

* Anna Teyssot, Renault, RESEARCH ROADMAPS AND HELIOS COLLABORATIVE PROJECT

1C: Energy Supply & Infrastructures

2009-05-15, 08:00-10:00, Lindesnes C

Chairmen: Anibal T. De Almeida, Jacques Mollard

* Duvall Mark, EPRI, GRID IMPACTS OF PLUG-IN HYBRID AND ELECTRIC VEHICLES - ANALYSIS OF PHEV LOADING CHARACTERISTICS ON HYDRO-QUEBEC'S DISTRIBUTION SYSTEM OPERATION

* Cyriacus Bleijs, Electricité de France, LOW-COST CHARGING SYSTEMS WITH FULL COMMUNICATION CAPABILITY.

* Kari Espegren, Institute for Energy Technology, PRODUCTION AND USE OF HYDROGENREGIONAL ENERGY SYSTEMS ANALYSIS OF OSLO, TELEMARK AND ROGALAND

* Vinzenz Haerri, Lucerne University of Applied Sciences & ArtsHSLU T&A, "LIVING AND MOBILITY" - BLUE ANGEL 3, A LIGHT WEIGHT PLUG-IN HYBRID FOR V2G

* Edward Kjaer, Southern California Edison, PLUGGING-IN TO OUR TRANSPORTATION FUTURE

* Ryan McCarthy, UC Davis, INTERACTIONS BETWEEN ELECTRIC-DRIVE VEHICLES AND THE POWER SECTOR IN CALIFORNIA

1D: Standardization & Regulation

2009-05-15, 08:00-10:00, Dyna

Chairmen: Giampiero Brusaglino, T.F. Chow

* Michael Duoba, Argonne, CORRELATING DYNAMOMETER TESTING TO ON-ROAD TESTING AND IN-USE FLEET RESULTS OF PLUG-IN HYBRID ELECTRIC VEHICLES

* Tetsuya Niikuni, National Traffic Safety and Environment Laboratory, EVALUATION OF THE DEGREE OF BATTERY DEGRADATION IN PLUG-IN HYBRID-ELECTRIC VEHICLES

* Peter Van den Bossche, Erasmus University College Brussels, THE CELL VERSUS THE SYSTEM: STANDARDIZATION CHALLENGES FOR ELECTRICITY STORAGE DEVICES

* Jia-Shiuan Tsai, Industrial Technology Research Institute, TEST METHOD AND TECHNIQUE OF SAFETY TEST FOR LIGHT ELECTRIC VEHICLE (LEV) BATTERY PACKS

* Ken-ichi Shimizu, National Institute of Advanced Industrial Science and Technology, FUEL CONSUMPTION TEST METHOD FOR HEVS
-ERROR ESTIMATION AND TEST PROCEDURE FOR BETTER ACCURACY –

* Rolf Widmer, EMPA, DEVELOPING A SIMPLE TEST METHOD TO COMPARE THE MILEAGE OF E-SCOOTERS

1E: Propulsion Systems & Subsystems

2009-05-15, 08:00-10:00, Runde

Chairmen: Arno Mathoy, Yoichi Hori

* Takashi Hamatani, Toyota Motor Corporation, DEVELOPMENT OF POWER CONTROL UNIT(PCU) FOR COMPACT-CLASS VEHICLE

* Abdeslam Mebarki, Cummins Generator Technologies, A HIGH POWER, TOTALLY ENCLOSED, PERMANENT MAGNET, AXIAL FLUX MACHINE FOR ENGINE INTEGRATION

* Giovanni Pede, Italian National Agency for the Energy and the Environment, ENEA HYBRID DRIVE TRAIN TESTING FACILITY: A VERSATILE INSTRUMENT FOR HIL (HARDWARE-IN-THE-LOOP) ASSISTED DESIGN

* Dejun Yin, University of Tokyo, A NOVEL TRACTION CONTROL WITHOUT CHASSIS VELOCITY FOR ELECTRIC VEHICLES

* Jim Richmond, Cree Inc., LARGE AREA SILICON CARBIDE MOSFETS ENABLE HIGH POWER MODULES

* Tom De Vleeschauwer, Global Insight, THE GREAT RACE

1F: Introduction, Demonstration & Marketing

2009-05-15, 08:00-10:00, Halten

Chairmen: Joeri de Ridder, Paulo Pereirinha

* Lin Cheng, Electric Vehicle Center of Engineering and Technology, Beijing Institute of Technology, BATTERY ELECTRIC BUS APPLYING SYSTEM IN BEIJING OLYMPICS

* Hans Driever, TNO, EARLY MARKET FOR ELECTRIC MOBILITY: POSSIBLE WIN-WIN FOR 3 MAJOR STAKEHOLDERS

* Rob Winkel, Ecofys Netherlands BV, COST EFFECTIVE INTRODUCTION OF ELECTRIC VEHICLES

* Diana Blake, Optimal Energy, JOULE - IMAGINEERING MOBILITY

* Michael Nicholas, Institute of Transportation Studies, SURVEY OF THE IMPORTANCE OF INTERREGIONAL AVAILABILITY FOR ALTERNATIVE FUELS

* Anna Rota - Biadici, infovel, LADIES' CHOICE FOR ELECTRIC CARS: A DIFFERENT MARKETING APPROACH

2A: Passenger Cars

2009-05-15, 10:20-12:20, Grip

Chairmen: François Badin, C.M. Mak

* Hideaki Yaguchi, ToyotaMotorCorporation, DEVELOPMENT O NEW HYBRID SYSTEM FOR COMPACT CLASS VEHICLES

* Noelle Janiaud, RENAULT S.A.S, ELECTRIC VEHICLE POWERTRAIN ARCHITECTURE AND CONTROL GLOBAL OPTIMIZATION

* Chetan Maini, REVA Electric Car Co. Pvt, DEVELOPMENT OF A NEXT GENERATION ELECTRIC CAR FOR WORLD MARKETS

* Paulo Pereirinha, Polytechnic Institute of Coimbra (IPC-ISEC) Portugal, ADVANCES IN THE ELECTRIC VEHICLE PROJECT-VEIL USED AS A MODULAR PLATFORM FOR RESEARCH AND EDUCATION

* Marco Piffaretti, Protoscar SA, LAMPO: DEVELOPMENTS OF PROTOSCAR'S HIGH PERFORMANCE BATTERY ELECTRIC VEHICLE AND EXPLANATION OF ITS UNIQUE EFFICIENCY FEATURES

* Wolfgang Kriegler, MagnaSteyr, EV AND HYBRID DEVELOPMENTS AT MAGNA STEYR
(SUBTITLE: WILL ALTERNATIVE POWERTRAINS BECOME A COMMERCIAL SUCCESS FOR OEM'S AND SUPPLIERS IN THE NEXT FUTURE?)

2B: Batteries & Energy Storage

2009-05-15, 10:20-12:20, Lindesnes B

Chairmen: Florence Fusalba, Hideaki Horie

* Takaaki Abe, NISSAN MOTOR CO., LTD., RESEARCH AND DEVELOPMENT
WORK ON LITHIUM-ION BATTERIES FOR ENVIROMENTAL VEHICLES

* Andrew Chu, A123Systems, NANOPHOSPHATE TECHNOLOGY AS AN ENABLER
FOR AUTOMOTIVE APPLICATIONS

* Benjamin Kaun, InvenTek Corporation, ROLLED-RIBBON LI-ION BATTERY
ARCHITECTURE FOR HYBRID AND ELECTRIC VEHICLES

* Michael Keller, Senior Manager Development Battery Systems, LI-ION BATTERY
SYSTEMS FOR ZERO EMISSION VEHICLES

* Isao Suzuki, GS Yuasa Corporation, HIGH-PERFORMANCE ELECTRIC VEHICLE
BATTERY WITH LITHIUM IRON PHOSPHATE AS POSITIVE ACTIVE MATERIAL

* HISASHI TAKEDA, ASAHI-KASEI CHEMICALS, INORGANIC-BLENDED
SEPARATOR FOR HIGH POWER HEV BATTERY

2C: Energy Supply & Infrastructures

2009-05-15, 10:20-12:20, Lindesnes C

Chairmen: Jorge Esteves, Serge Roy

* Charlie Botsford, AeroVironment Inc., FAST CHARGING VS. SLOW CHARGING:
PROS AND CONS FOR THE NEW AGE OF ELECTRIC VEHICLES

* Gordon Dower, The Ridek Corporation, INSTEAD OF PLUGGING IN FOR V2G

* Loic Gaillac, Southern California Edison, THE INTEGRATION OF PLUG-IN HYBRID
AND ELECTRIC VEHICLE BASED RESIDENTIAL ENERGY STORAGE SYSTEMS
AT SCE'S GARAGE OF THE FUTURE

* Chandler Hatton, Delft University of Technology, FAST CHARGING STATIONS FOR
URBAN SETTINGS:
THE DESIGN OF A PRODUCT PLATFORM FOR ELECTRIC VEHICLE
INFRASTRUCTURE
IN DUTCH CITIES

* Frauke Heider, Fraunhofer Institute for Solar Energy Systems, VEHICLE TO GRID:
REALIZATION OF POWER MANAGEMENT FOR THE OPTIMAL INTEGRATION OF
PLUG-IN ELECTRIC VEHICLES INTO THE ENERGY SECTOR

* Jonn Axsen, UC Davis, ANTICIPATING PHEV ENERGY IMPACTS IN CALIFORNIA

2D: Global Approach & Cost Analysis

2009-05-15, 10:20-12:20, Dyna

Chairmen: Valentine-Urbschat Michael, Sven Thesen

* Phil Sharer, , COST BENEFIT ANALYSIS OF ADVANCED POWERTRAINS FROM 2010 TO 2045

* Laurence Turcksin, Vrije Universiteit Brussel, LIFE CYCLE COST ANALYSIS OF ALTERNATIVE VEHICLES AND FUELS IN BELGIUM

* Maria Grahn, Chalmers University of Technology, ICEVS, HEVS, PHEVS, BEVS OR FCVS FOR PASSENGER VEHICLES IN ACHIEVING STRINGENT CO2 TARGETS – RESULTS FROM GLOBAL ENERGY SYSTEMS MODELING

* Maximilian Kloess, Vienna University of Technology, TECHNICAL, ECOLOGICAL AND ECONOMIC ASSESSMENT OF ELECTRIFIED POWERTRAIN SYSTEMS FOR PASSENGER CARS IN A DYNAMIC CONTEXT (2010 TO 2050)

* Peter Mock, German Aerospace Center (DLR), ELECTRIC VEHICLES – A MODEL BASED ASSESSMENT OF FUTURE MARKET PROSPECTS AND ENVIRONMENTAL IMPACTS

* Xavier Tackoen, ULB, ECONOMIC AND ENVIRONMENTAL BENEFITS OF SUPERCAPACITORS-BASED ENERGY STORAGE SOLUTIONS FOR THE BRUSSELS METRO NETWORK.

2E: Modelling & Simulation

2009-05-15, 10:20-12:20, Runde

Chairmen: Alain Bouscayrol, Sten Groh

* Ralf Bartholomäus, Fraunhofer IVI, CONTROL-ORIENTED DYNAMIC LI-ION BATTERY MODELS FOR HIGH POWER APPLICATIONS

* Ashley Kells, Intelligent Energy Ltd, SIMULATION OF A FUEL CELL HYBRID LONDON TAXI

* Sylvain Pagerit, Argonne, EVALUATION OF PHEVS FUEL EFFICIENCY AND COST USING MONTECARLO ANALYSIS

* Gregory Plett, University of Colorado at Colorado Springs, SIMULATING BATTERY PACKS COMPRISING PARALLEL CELL MODULES

* Zdenek Cеровsky, Czech Technical University in Prague, SILENT OPERATING RANGE OF MILITARY ELECTRIC HYBRID VEHICLE USING ELECTRIC POWER SPLITTER AND DIFFERENT ELECTRIC ENERGY STORAGE.

2F: Heavy Duty Vehicles

2009-05-15, 10:20-12:20, Halten

Chairmen: Peter Van den Bossche, Mark Hairr

* Roger Bedell, Opbrid S.L., A PRACTICAL, 70-90% ELECTRIC BUS WITHOUT OVERHEAD WIRES

* Fritz Kalhammer, Kalhammer Electrochemical and Energy Technology, PROMISE, ISSUES AND PROSPECTS OF PLUG-IN HYBRID ELECTRIC VEHICLES

* Martin Schmitz, Vossloh Kiepe GmbH, ZERO-EMISSION URBAN TRANSIT BUS

* Wang Wenwei, Electric Vehicle Center of Engineering and Technology, Beijing Institute of Technology, STUDY ON KEY TECHNOLOGIES OF BATTERY ELECTRIC BUS FOR BEIJING OLYMPICS

* Arnold Miller, Vehicle Projects LLC, LARGEST FUELCELL LAND VEHICLE: A HYBRID SHUNT LOCOMOTIVE FOR LOS ANGELES

3A: Batteries & Energy Storage

2009-05-15, 13:50-15:50, Grip

Chairmen: Joseph Beretta, Michal Vakrat Wolkin

* Mollestad Egil, Think, THINK CITY - BATTERY EXPERIENCES FROM SEVERAL MILLION KM OF REAL LIFE DRIVING

* Kuper Christian, Johnson Controls SAFT, THERMAL AND ELECTRICAL MANAGEMENT OF HYBRID AND ELECTRIC VEHICLE BATTERY SYSTEMS

* Kadurek Petr, IST, São MIGUEL ISLAND AS A CASE STUDY ON A POSSIBLE USAGE OF ELECTRIC VEHICLE TO STORE ENERGY

* Iu Huang, A123 Systems, DETERMINING PHEV PERFORMANCE POTENTIAL – USER AND ENVIRONMENTAL INFLUENCES ON A123 SYSTEMS' HYMOTION™ PLUG-IN CONVERSION MODULE FOR THE TOYOTA PRIUS

* Peng Bai, State Key Laboratory of Automotive Safety and Energy, Tsinghua University, Beijing, P.R.China., CAPACITY LOSS IN DIFFERENT CHARGE/DISCHARGE CYCLES OF LITHIUM ION BATTERIES

3B: Batteries & Energy Storage

2009-05-15, 13:50-15:50, Lindesnes B

Chairmen: Clemens Guehmann, Härri Vinzenz

* Mario Conte, ENEA, IMPACT OF INNOVATIVE ILHYPOS SUPERCAPACITORS ON A FUEL CELL VEHICLE

* Allan Cooper, European Advanced Lead Acid Battery Consortium, ADVANCED LEAD-ACID BATTERIES - THE WAY FORWARD FOR LOW-COST MICRO AND MILD HYBRID VEHICLES

* Patrick Brant, ExxonMobil, IMPROVED PERFORMANCE OF EXXONMOBIL'S CO-EXTRUDED SEPARATOR TECHNOLOGY PLATFORM

* Ahmad Pesaran, National Renewable Energy Laboratory, INTEGRATION ISSUES OF CELLS INTO BATTERY PACKS FOR PLUG-IN AND HYBRID ELECTRIC VEHICLES

* Makoto Shimizu, Nippon Chemi-Con Corp., DEVELOPMENT OF POWER CAPACITORS FOR NEW MODEL BATTERY FORKLIFT

* Geert Vandensande, ON Semiconductor Belgium BVBA, ELECTRONICS FOR LI ION BATTERY PACKS IN ELECTRIC VEHICLES

3C: Environmental Impacts & Life Cycle Analysis

2009-05-15, 13:50-15:50, Lindesnes C

Chairmen: Pietro Menga, Shigeyuki Minami

* Patricia Baptista, IST - DTEA, FULL LIFE CYCLE ANALYSIS OF ELECTRIC VEHICLES AND MARKET PENETRATION SCENARIOS

* Faycal-Siddikou Boureima, Vrije Universiteit Brussel, COMPARATIVE LCA OF ELECTRIC, HYBRID, LPG AND GASOLINE CARS IN A BELGIAN CONTEXT

* Raffaele Domeniconi, infovel, ASSESSING THE ECOLOGICAL FOOTPRINT OF PERSONAL MOBILITY – A CASE STUDY ON THE BENEFITS GENERATED BY THE PROMOTION OF ELECTRIC VEHICLES IN CANTON TICINO - SWITZERLAND

* Åsgeir Helland, Think, “CO2 WELL TO WHEEL ANALYSIS OF ELECTRIC AND ICE VEHICLES. - ARE GLOBAL CO2 EMISSION REDUCTIONS POSSIBLE?”

* Kongjian Qin, China Automotive Research and Technology Center, TEST AND EVALUATION FOR ENVIRONMENT BENEFIT AND FUEL ECONOMY OF HYBRID ELECTRIC BUSES IN BEIJING

* Christoph Stiller, Ludwig-Bölkow-Systemtechnik GmbH, SUSTAINABILITY OF TRANSPORT FUELS

3D: Public Promotion

2009-05-15, 13:50-15:50, Dyna

Chairmen: Joeri Van Mierlo, Brian Wynne

* Giampiero Brusaglino, CEI-CIVES, NEW TECHNOLOGIES DEMONSTRATED AT FORMULA ELECTRIC AND HYBRID ITALY 2008

* Dean Taylor, Southern California Edison, THE MANY DIFFERENCES BETWEEN PLUG-IN HYBRID EVS AND BATTERY EVS

* Al Cormier, Electric Mobility Canada, TECHNOLOGY ROAD MAP FOR ELECTRIC VEHICLES IN CANADA

* Elizabeth Couzineau-Zegwaard, Atlante Conseil, THE CHALLENGES OF ELECTRIC VEHICLES IN LAND USE PLANNING AND ECONOMIC DEVELOPMENT OF MOUNTAIN RESORTS: DECISION SUPPORT FOR SUSTAINABLE MOBILITY

* Antonio Nunes Jr, Brazilian Electric Vehicle Association - ABVE, IS THERE ROOM FOR ELECTRIC CARS IN A PLENTY OF OIL AND BIOFUEL COUNTRY?

* Jet P.H. Shu, Taiwan Automotive Research Consortium, OVERVIEW OF THE TAIWAN LEV NATIONAL PROGRAM

3E: Propulsion Systems & Subsystems

2009-05-15, 13:50-15:50, Runde

Chairmen: Uwe Schaefer, Aymeric Rousseau

* Theo Hofman, Eindhoven University of Technology, DEVELOPMENT OF A COST-EFFECTIVE HYBRID UPGRADE KIT FOR AUTO-RICKSHAWS

* Kiyotaka Kawashima, University of Tokyo, ROLLING STABILITY CONTROL BASED ON ELECTRONIC STABILITY PROGRAM FOR IN-WHEEL-MOTOR ELECTRIC VEHICLE

* Edo Aneke, TNO Automotive, HYBRID-ASSISTED DPF REGENERATION FOR HYBRID DISTRIBUTION TRUCKS

* Michael Lamperth, Imperial College, DUODRIVE – SIMPLE SERIES-PARALLEL HYBRID USING AXIAL FLUX TECHNOLOGY

* Christian Pronovost, TM4 inc., A RECONFIGURABLE SERIES-PARALLEL HYBRID POWERTRAIN FOR PLUG-IN VEHICLES

* Yi-hsuan Hung, , NOVEL SYSTEM DESIGNS AND CONTROLLER DEVELOPMENT FOR A NEW-TYPE DUAL-HYBRID ELECTRIC VEHICLE

3F: Introduction, Demonstration & Marketing

2009-05-15, 13:50-15:50, Halten

Chairman: Maria Youssefzadeh

* Lars Overgaard, Danish Technological Institute, REFLECTIONS ON SYNERGIES BETWEEN THE INTRODUCTION OF BEV'S IN DENMARK AND THE DANISH ENERGY SYSTEM

* Joachim Skoogberg, Fortum, MOBILEL - DEMONSTRATION OF PLUG-IN VEHICLES IN STOCKHOLM (SWEDEN)

* Asao Uenodai, Honda R&D Americas, inc, ANALYSIS OF FUEL CELL VEHICLE CUSTOMER USAGE AND HYDROGEN REFUELING PATTERNS – COMPARISON OF PRIVATE AND FLEET CUSTOMERS

* Anthony Vermie, Public Works Rotterdam - Monique Blokpoel, Eneco, ROTTERDAM, CITY OF ELECTRIC TRANSPORT

* Chris Walsh, Cenex, ELECTRIC DRIVE VEHICLE DEPLOYMENT IN THE UK

* Xiang Zhang, Shanghai Haima Automobile R&D Co., LTD , ANALYZING THE HYBRID ELECTRIC VEHICLE TECHNOLOGY IN CHINA

4A: Passenger Cars

2009-05-16, 08:00-10:00, Grip

Chairmen: Jan-Welm Biermann, Ken-ichi Shimizu

* Takasaki Akira, Toyota motor corporation, DEVELOPMENT OF A NEW HYBRID TRANSMISSION FOR 2009 PRIUS

* Patrick Debal, Punch Powertrain, DEVELOPMENT OF A POST TRANSMISSION HYBRID POWERTRAIN

* Jeffrey Ronning, Bright Automotive, DEVELOPMENT OF THE 100 MPG BRIGHT AUTOMOTIVE™ PLUG-IN HYBRID VEHICLE

* Andreas Schmidhofer, Magna Steyr Fahrzeugtechnik AG & CoKG, POWER NET TOPOLOGIES FOR HEV AND EV - ASPECTS ON VEHICLE INTEGRATION FOR DIFFERENT POWERTRAIN CONFIGURATIONS ON SYSTEM AND COMPONENTS LEVEL

* John Smart, Idaho National Laboratory, U.S. DEPARTMENT OF ENERGY – ADVANCED VEHICLE TESTING ACTIVITY: PLUG-IN HYBRID ELECTRIC VEHICLE TESTING AND DEMONSTRATION ACTIVITIES

* Joseph Beretta, PSA PEUGEOT CITROEN, THE PSA HYBRID HDI TECHNOLOGIES

4B: Batteries & Energy Storage

2009-05-16, 08:00-10:00, Lindesnes B

Chairmen: Hamid Gualous, Andrew Burke

* François Badin, IFP, MODELING AGEING OF ON-BOARD ENERGY STORAGE SYSTEMS.
THE FRENCH SIMSTOCK RESEARCH NETWORK

* Andrew Burke, university of California-Davis, Institute of Transportation Studies, PERFORMANCE CHARACTERISTICS OF LITHIUM-ION BATTERIES OF VARIOUS CHEMISTRIES FOR PLUG-IN HYBRID VEHICLES

* Atsushi Funabiki, GS Yuasa Corporation, ROBUSTNESS OF 50 AH-CLASS LITHIUM-ION CELL FOR ELECTRIC VEHICLES

* Bartek Kras, Impact Automotive Technologies, THERMAL MANAGEMENT OF LITHIUM-POLYMER BASED BATTERY PACK FOR URBAN BEV

* Kenji Morita, Japan Automobile Research Institute, DEVELOPMENT OF CHARGING/DISCHARGING PROFILES FOR TESTING CYCLE-LIFE OF LITHIUM-ION BATTERIES FOR PLUG-IN HYBRID ELECTRIC VEHICLES

* Chitradeep Sen, University of Windsor, ANALYSIS OF A NOVEL BATTERY MODEL TO ILLUSTRATE THE INSTANTANEOUS VOLTAGE FOR A HYBRID ELECTRIC VEHICLE

4C: Fuel Cells

2009-05-16, 08:00-10:00, Lindesnes C

Chairman: Stefan Liljemark

* Christof Nitsche, Mercedes Benz Technology, STATUS REPORT: 150.000 KM AND 3000 OPERATING HOURS WITH A DAIMLER F-CELL VEHICLE

* Jon Bjorn Skulason, Icelandic New Energy , THE SMART-H2 PROJECT
SUSTAINABLE MARINE AND ROAD TRANSPORT, HYDROGEN IN ICELAND

* Jun Takano, Honda R&D Co.,Ltd.Automobile R&D Center, DEVELOPMENT OF HONDA FCX

* Hengbing Zhao, ITS - University of California - Davis, OPTIMUM PERFORMANCE OF DIRECT HYDROGEN HYBRID FUEL CELL VEHICLES

* JoAnn Milliken, U.S. Department of Energy, HYDROGEN AND FUEL CELL TECHNOLOGIES AND THE TRANSITION TO HYDROGEN FOR TRANSPORTATION

* Joerg Wind, Daimler AG, EU PROJECT HYSYS: SYSTEM COMPONENTS FOR FUEL CELL HYBRID VEHICLES TRAINS

4D: Public Promotion

2009-05-16, 08:00-10:00, Dyna

Chairmen: Raoul Viora, Al Cormier

* Sven Thesen, Better Place, THE BETTER PLACE PARADIGM: CREATING UNLIMITED ELECTRIC VEHICLE RANGE AND NEW DEMAND FOR RENEWABLE ENERGY

* Mariam Khan, University of Windsor, HYBRID ELECTRIC VEHICLES FOR SUSTAINABLE TRANSPORTATION: A CANADIAN PERSPECTIVE

* Pete Devlin, US Department of Energy, UNITED STATES DEPARTMENT OF ENERGY HYDROGEN FUEL CELL MARKET TRANSFORMATION STRATEGY

* Bernhard Egger, Austrian Agency for Alternative Propulsion System (A3PS), WORLDWIDE PROMOTION AND DEPLOYMENT OF FUEL CELL VEHICLES

* Urs Muntwyler, IEA IEA Hybrid&Electric Vehicles, THE FUTURE OF THE TRANSPORTATION IS ELECTRIC AND CAN BE SOLAR!

* Anibal T. De Almeida, University of Coimbra, INTEGRATION OF RENEWABLE ENERGIES FOR TROLLEYBUS AND MINI-BUS LINES IN COIMBRA

4E: Modelling & Simulation

2009-05-16, 08:00-10:00, Runde

Chairmen: Angel Aghili, J. Ronald Bailey

* Yuhua Chang, Warsaw University of Technology, HYBRID DRIVES DESIGN FOR MINIBUS BY SIMULATION

* Niklas Hartmann, IER - University of Stuttgart, MODELLING THE PLUG-IN AVAILABILITY AND CALCULATION OF ENERGY STORAGE POTENTIAL OF ELECTRIC AND HYBRID VEHICLES

* Florian Kramer, MAGNA STEYR Fahrzeugtechnik, A GENERIC APPROACH FOR OPTIMIZING THE CONTROL STRATEGY OF HYBRID ELECTRIC VEHICLES IN REAL LIFE OPERATION

* Aymeric Rousseau, Argonne National Laboratory, IMPACT OF REAL WORLD DRIVE CYCLES ON PHEV FUEL EFFICIENCY AND COST FOR DIFFERENT POWERTRAIN AND BATTERY CHARACTERISTICS

* Edwin Tazelaar, HAN University, DRIVING CYCLE CHARACTERIZATION AND GENERATION
FOR DESIGN AND CONTROL OF FUEL CELL BUSES

4F: Light and Other Vehicles

2009-05-16, 08:00-10:00, Halten

Chairmen: Raffaele Domeniconi, Naveen Munjal

* Urs N Schwegler, e'mobile, ELECTRIC SCOOTERS: TECHNOLOGIES AND MARKETS

* Jean-Marc Timmermans, Vrije Universiteit Brussel, A COMPARATIVE STUDY OF 12 ELECTRICALLY ASSISTED BICYCLES

* Ralph Clague, , FUEL CELL VEHICLE RACING - IMPERIAL COLLEGE LONDON PRESENTS THE RACING GREEN TEAM

* Carlos Holguin, INRIA-Paris Rocquencourt, A DEMONSTRATION OF ELECTRIC VEHICLES WITH AUTOMATED DRIVING CAPABILITIES FOR CAR-SHARING APPLICATIONS

5. Dialogue sessions

D1: Dialogue Session

2009-05-14, 16:15-17:45, Exhibition Hall

Chairmen: Joeri Van Mierlo, Peter Van den Bossche

Public Transport & Heavy Duty Vehicles

* Dirk Meyer, EPT, ecopowertechnology ELECTRIC, HYBRID AND HYDROGEN BUSES FOR PUBLIC TRANSPORT

* Lee SangHun, DAEGU MACHINERY INSTITUTE OF COMPONENTS & MATERIALS THE HIGH RESPONSE AND PRECISION CONTROL OF ETC MODULE WITHOUT THE HALL POSITION SENSOR FOR DETECTING ROTOR POSITION OF BLDC MOTOR

* lipeng Zhang, Beijing institute of technology KEY TECHNOLOGIES USED IN OLYMPIC ELECTRIC BUS

* Michael Tosca, UTC Power FUEL CELL SYSTEMS FOR TRANSIT BUS APPLICATIONS

* Andrew McGordon, University of Warwick THE APPLICATION OF HYBRID TECHNOLOGY TO RAIL VEHICLES : A COMPARISON OF INTERCITY AND SUBURBAN COMMUTER ROUTES

* Mark Hairr, UT Chattanooga DATA ACQUISITION SYSTEM FOR ELECTRIC- AND HYBRID-ELECTRIC BUSES

* Ricardo Barrero, Vrije Universiteit Brussel ANALYSIS OF SUPERCAPACITORS AS ENERGY STORAGE SYSTEMS FOR HYBRID BUSES

* Uk-Don Choi, HYUNDAI HEAVY INDUSTRIES CO., LTD. DEVELOPMENT OF SERIES HYBRID ELECTRIC VEHICLE FOR LOW-FLOOR CITY TRANSIT BUS

* Lin Cheng, Electric Vehicle Center of Engineering and Technology, Beijing Institute of Technology STUDY ON INTELLIGENT CONTROL SYSTEM OF PURE ELECTRIC BUS BASED ON THE FUZZY DECISION THEORY

* Wang Zhen Po, Beijing Institute of Technology STUDY ON OPERATION SYSTEM OF PURE ELECTRIC BUS

* Wang Zhen Po, Beijing Institute of Technology A STATISTICAL SURVEY AND ANALYSIS OF HEV FUEL CONSUMPTION ON BEIJING OLYMPIC BUS LINE

* Antonio Pendenza, ELECTRIC VEHICLES IN CITIES OF ART

* William Doelle, Modex INFRASTRUCTURE DEVELOPMENT OPPORTUNITIES, AND CHALLENGES, IN COMMERCIAL EV DELIVERY FLEETS.

* Qiu Bin, Department of Automotive Engineering, Tsinghua University A STUDY ON ENERGY EFFICIENCY OF FUEL CELL BUS UNDER TRANSIT CYCLE

* Shaoyou Shi, Beijing Automotive Technology Center RESEARCH OF FULL HYBRID ELECTRICAL VEHICLE

* Santiago Urrejola, University of Vigo SIMULATION HYBRID FUEL CELL BUS USING MODELICA®

* Arthur Liu, Beijing Dianba Technology Ltd A RENOVATE SOLUTION FOR ELECTRIC PUBLIC TRANSIT

* Urs N Schwegler, e'mobile BEER DELIVERY BY FELDSCHLÖSSCHEN WITH ELECTRIC TRUCKS

* Bharat Chahar, ConocoPhillips Specialty Products Inc. CPREME GRAPHITE ANODE MATERIALS FOR HIGH PERFORMANCE LITHIUM BATTERIES

Passenger Cars

* Francis ROY, PSA Peugeot Citroën FISYPAC PROJECT : THE FIRST VEHICLE INTEGRATION OF GENEPAC FUEL CELL STACK

* Felix Toepler, ifa - Institut fuer Kraftfahrzeuge RWTH Aachen University
SUBCOMPACT FULL HYBRID VEHICLE WITH AN ADVANCED ADAPTIVE CRUISE CONTROL

* Federico Resmini, MES-DEA SA ZEBRA®BATTERY INTEGRATION IN "TH!NK CITY" PURE BATTERY ELECTRIC VEHICLE

* fernando smargiase, ENEA HIGH EFFICIENCY-LOW COST POWERTRAIN FOR URBAN ELECTRIC VEHICLE.

* Yang Weibin, Department of Automobile Engineering, Tsinghua University THE DEVELOPMENT OF A BATTERY ELECTRIC CAR

* Doug Nelson, Virginia Tech ECOCAR DESIGN AND DEVELOPMENT PROCESS FOR A PLUG-IN E85 SPLIT PARALLEL ARCHITECTURE HYBRID ELECTRIC VEHICLE

* Yong-gi Kim, hyundai motor company DEVELOPMENT OF OPTIMAL CONTROL STRATEGY FOR HYBRID ELECTRIC VEHICLE USING DYNAMIC PROGRAMMING AND FUEL EQUIVALENT FACTOR

* wang jia, SHANGHAI HAIMA AUTOMOBILE R&D THE DEVELOPMENT OF HYBRID VEHICLE DRIVEN BY POWER BATTERY AND ULTRA-CAPACITOR

* YONG SEOK KIM, Hyundai Motor Company DEVELOPMENT OF LPI HYBRID ELECTRIC VEHICLES
- MILD AND FULL HYBRIDS

* Erin Kurai, AeroVironment INTEGRATED SOLUTION FOR ELECTRIC VEHICLE INFRASTRUCTURE DEVELOPMENT: AN ENABLER FOR ELECTRIC VEHICLE ADOPTION

* Beomsoo Kim, Seoul National University HEV CRUISE CONTROL STRATEGY ON GPS (NAVIGATION) INFORMATION

* Leone Martellucci, Polo per la Mobilità Sostenibile della Regione Lazio URB-E: ENEA PROJECT FOR A LOW CONSUMPTION URBAN VEHICLE

* Shaoyou Shi, Beijing Automotive Technology Center RESEARCH OF FULL HYBRID ELECTRICAL VEHICLE

* Shaoyou Shi, Beijing Automotive Technology Center RESEARCH OF ADVANCED FULL HYBRID

* Sohail Anwar, Purdue University Indianapolis PARTICLE SWARM OPTIMIZATION

BASED ENERGY MANAGEMENT CONTROL STRATEGY FOR PLUG-IN HYBRID
ELECTRIC VEHICLE

* Gao Jinwen, Tsinghua University NEW CONTROL STRATEGY FOR EVT HEV

* Danut Gabriel Marinescu, University of Pitesti ECO HUV- ECOLOGICAL HYBRID
UTILITY VEHICLE

* Karsten Mueller, IAV GmbH TECHNOLOGICAL ASPECTS OF AN ELECTRICAL
VEHICLE POWERTRAIN

* Alex Serrarens, Drivetrain Innovations b.v. BUILDING BLOCKS OF A LIGHT HYBRID
DIESEL POWERTRAIN

Recreation & Light Vehicles, including for disabled persons

* Ichiro Aoshima, PUES Corporation DEVELOPMENT OF ELECTRIC SCOOTER DRIVEN BY SENSORLESS MOTOR USING D-STATE-OBSERVER

* Luo Yugong, Tsinghua unviersity THE HIERARCHY CONTROL SYSTEM OF INTELLIGENT HYBRID ELECTRIC VEHICLE

* MIHAELA CHEFNEUX, Research Institute for Electrical Engineering E-BIKE : A SOLUTION FOR SUSTAINABLE DEVELOPMENT OF "POLITEHNICA" UNIVERSITY CAMPUS

* T.W. Ching, University of Macau DEVELOPMENT OF HYBRID SCOOTER

* Li Cheng-Ho, ITRI STABILITY CONTROL OF LIGHT ELECTRIC VEHICLE WITH ACTIVE-TILTING AND ANTI-SKID SYSTEMS

* Jan Cappelle, KaHo Sint-Lieven DESIGN OF AN E-BIKE WITH ULTRACAPS AS ENERGY SOURCE AND REGENERATIVE BRAKES

* Toshio Iijima, Tokai University DEVELOPMENT AND PERFORMANCE OF AN ELECTRIC TRIKE WITH IN-WHEEL MOTORS

* Giuseppe Buja, University of Padova ENERGY DESIGN OF A FUEL CELL SUPPLY FOR ELECTRICALLY POWER ASSISTED CYCLE

Non-Road & Industrial

* Frederik Van Mulders, Erasmushogeschool Brussel SUPERCAPACITOR ENHANCED ELECTRIC POWER SYSTEMS FOR PERSONNEL TRANSPORT SYSTEMS

* Martin Baier, RWTH Aachen University ENERGETIC AND OPERATIONAL USE OF FLEXCARGORAIL FREIGHT WAGONS IN THE SINGLE WAGON LOAD TRAFFIC

* Sang-Jun An, Doosan Infracore DEVELOPMENT OF THE HYBRID EXCAVATOR

* Daeheung Lee, Seoul National Univ. FUEL CONSUMPTION ANALYSIS OF HYBRID EXCAVATOR USING ELECTRIC SWING MOTOR

* Jukka Halme, Helsinki University of Technology POWER BUS CONTROL FOR SERIES HYBRID HEAVY-DUTY VEHICLES

* Panu Sainio, Helsinki university of technology COMPARISON OF PACKAGING HYDRAULIC AND ELECTRIC COMPONENTS IN A HEV POWER LINE

* Teemu Lehmuspelto, Helsinki University of Technology HYBRIDIZATION OF A MOBILE WORK MACHINE

Waterborne Transportation

* Pritpal Singh, Villanova University OPTIMIZATION OF HYDROGEN STORAGE/GENERATION FOR A HYBRID BATTERY/FUEL CELL POWERED UNMANNED SURFACE VEHICLE

* Jean-Louis AUCOUTURIER, AFBE PLEASURE BOATS : A FUTURE FOR PLUGABLE HYBRIDS

* Nuno Fonseca, Technical University of Lisbon THE HIDROCAT PROJECT – AN ALL ELECTRIC SHIP WITH PHOTOVOLTAIC PANELS AND HYDROGEN FUEL CELLS

Other Vehicles or Transport Systems

* Jefferson Yang, Asia Pacific Fuel Cell Technologies FUEL CELL SCOOTER
COMMERCIALIZATION – ENABLING TECHNOLOGIES AT APFCT

* Anne-Laure Allègre, Laboratory of electrotechnology and power electronics
POSSIBILITIES OF REDUCTION THE ON-BOARD ENERGY FOR AN INNOVATIVE
SUBWAY

* Li Cheng-Ho, ITRI TILTING MOTION CONTROL OF NARROW TILTING
VEHICLES

* Cian Harrington, Cranfield University AFFORDABLE HYBRID ELECTRIC SYSTEM
FOR URBAN COMMERCIAL VEHICLE APPLICATIONS, USING ADVANCED VRLA
BATTERY TECHNOLOGY

* Guido Boosten, DuraCar Holding B.V. (QUICC!) THE BEST WAY TO PREDICT THE
FUTURE IS TO INVENT IT!

* Joerg Weigl, Fuel Cell Vehicle Team WITH A FUEL CELL MOTORCYCLE AROUND
THE WORLD

Modelling and Simulation

* Jochen Lindenmaier, University Ulm CHARGE/DISCHARGE LOAD REDUCTION OF LEAD ACID BATTERIES IN MICRO-HYBRID VEHICLES USING ADDITIONAL ULTRA-CAPACITOR ASSISTANCE

* Markus Stiegeler, University of Ulm THE FUEL SAVING POTENTIAL OF LONG-TERM SOC-PREDICTION DEMONSTRATED ON TWO DIFFERENT OPERATIONAL STRATEGIES FOR PARALLEL HYBRID DRIVETRAINS

* Chaeho Chung, LG Chem UNIFORM COOLING SYSTEM DESIGN AND OPTIMIZATION FOR A LITHIUM-ION HEV BATTERY PACK

* Hans Bosma, HAN University SIMULATION OF THE PEM FUEL CELL HYBRID POWER TRAIN OF AN AUTOMATED GUIDED VEHICLE AND COMPARISON WITH EXPERIMENTAL RESULTS

* Namwook Kim, Seoul National University OPTIMAL CONTROL OF A PLUG-IN HYBRID VEHICLE BASED ON DRIVING PATTERNS

* Jae-Woo Jung, Hanyang University EQUIVALENT CIRCUIT ANALYSIS OF INTERIOR PERMANENT MAGNET SYNCHRONOUS MOTOR CONSIDERING MAGNETIC SATURATION

* Nirav Shah, AVL Powertrain UK Ltd. WHICH HYBRID POWERTRAIN WOULD BE SUITABLE FOR YOUR VEHICLE TO REDUCE CO2 EMISSIONS?

* Olivier Tremblay, ETS EXPERIMENTAL VALIDATION OF A BATTERY DYNAMIC MODEL FOR EV APPLICATIONS

* Ralf Bengler, Institute of electrical power engineering ELECTROCHEMICAL AND THERMAL MODELLING OF LITHIUM-ION CELLS FOR USE IN HEV OR EV APPLICATION

* Taeho Park, Hanyang University POWERTRAIN MODELING FOR ANALYZING THE TRANSIENT RESPONSE OF THE PARALLEL HEV

* Sun Tao, Hanyang University PARAMETER PREDICTION AND MODELING METHODS FOR TRACTION MOTOR OF HYBRID ELECTRIC VEHICLE

* JEHWON Lee, yeungnam University DEVELOPMENT OF REDUNDANT TYPE HAPTIC SHIFT DEVICE WITH VIRTUAL GATE.

* Zhang Junzhi, Tsinghua University INTEGRATED CONTROL STRATEGY OF REGENERATIVE BRAKING AND ANTI-LOCK BRAKING SYSTEM

* Mario Schweiger, AVL List GmbH BATTERY IDENTIFICATION AND SIMULATION TOOLS IN THE HEV-POWERTRAIN DEVELOPMENT: CHANCES AND CHALLENGES

* Sten Karlsson, physical resource theory OPTIMAL SIZE OF PHEV BATTERIES FROM A CONSUMER PERSPECTIVE - IMPLICATION FOR DATA HARVESTING, CAR DEVELOPMENT, AND BUSINESS MODELS.

* Alexandre Duparchy, IFP HEAT RECOVERY FOR NEXT GENERATION OF HYBRID VEHICLES:SIMULATION AND DESIGN OF A RANKINE CYCLE SYSTEM

* WEI Xuezhe, Tongji University A DYNAMIC OHMIC RESISTANCE ESTIMATOR OF PEMFC BASED ON DUAL EXTENDED KALMAN FILTER

* Hyunoh Kim, skku EVALUATION OF CONTROL SYSTEM ABOUT MODE CHANGE CLUTCH FOR HEV BY USING EMBEDDED SYSTEM

* Chen Xiaokai, EV Center of Engineering and Technology, Beijing Institute of Technology AN OPTIMIZATION APPROACH TO HYBRID ELECTRIC VEHICLE PRELIMINARY DESIGN

* Sungmin Kim, Sungkyunkwan University COMPARATIVE ANALYSIS OF POWER SPLIT HYBRID ELECTRIC VEHICLES

* Piotr Holik, University of Strathclyde DYNAMIC BATTERY MODEL FOR VEHICLE TO GRID APPRAISAL

* Pu Xiaomin, Chinese Academy of Science OPTIMIZATION AND MATCHING OF COMPONENTS IN HEV

* Marc Herniter, Rose-Hulman Institute of Technology DESIGN AND SIMULATION OF A 4-WHEEL DRIVE HYBRID-ELECTRIC VEHICLE

* Woodlyn Madden, UT Chattanooga TOPOGRAPHICAL INERTIAL ENERGY SIMULATOR FOR COMPARING DRIVE COMPONENTS OF HYBRID ELECTRIC TRANSIT VEHICLES

* Patricia Baptista, IST - DTEA MONITORING, SIMULATION AND OPTIMIZATION OF FUEL CELL ELECTRIC VEHICLES

* J. Ronald Bailey, UT Chattanooga USING TOPOGRAPHICAL AND BATTERY CONDITION INFORMATION TO PREDICT ACTUAL RANGE OF ELECTRIC VEHICLES

* Antti Leivo, Helsinki University of Technology MODEL REUSABILITY AND COOPERATION IN MODEL BASED HEV CONTROL SYSTEM DEVELOPMENT

* Etkin Ozen, AVL Powertrain UK Ltd. POWER MANAGER: A CONCEPTUAL SMART HEV CONTROLLER

* Theo Hofman, Eindhoven University of Technology A COMPARATIVE STUDY AND ANALYSIS OF AN OPTIMIZED CONTROL STRATEGY FOR THE TOYOTA HYBRID SYSTEM

* chihoon Jo, Sungkyunkwan University IMPROVEMENT OF SHIFT QUALITY AND TORQUE VARIATION IN MODE CHANGE FOR AUTOMATIC TRANSMISSION BASED 2-SHAFT PARALLEL HYBRID ELECTRIC VEHICLE BY MOTOR CONTROL

* Vito Di Giacomo, Polo per la mobilità sostenibile Regione Lazio MODELING HYBRID PROPULSION SYSTEM WITH GT POWER AND MATLAB_SIMULINK

* Ahmad Pesaran, National Renewable Energy Laboratory IMPROVING PETROLEUM DISPLACEMENT POTENTIAL OF PHEVS USING ENHANCED CHARGING SCENARIOS

* Dietmar Winkler, Technische Universit?Berlin SIMULATION OF ELECTRIC DRIVE SYSTEM FAULTS IN HYBRID ELECTRIC VEHICLES

* Volkan Sezer, TUBITAK MRC Energy Institute DESIGN AND IMPLEMENTATION OF A SERIES-PARALLEL LIGHT COMMERCIAL HYBRID ELECTRIC VEHICLE

* Juan Jose Valera, TECNALIA INTEGRATED MODELLING APPROACH FOR HIGHLY ELECTRIFIED HEV. VIRTUAL DESIGN AND SIMULATION METHODOLOGY FOR ADVANCED POWERTRAIN PROTOTYPING

* Simon Schwunk, Fraunhofer ISE BATTERY ELECTRIC VEHICLES IN LOW VOLTAGE GRIDS – MODELLING AND SIMULATION OF BATTERIES WITHIN THE SYSTEM

* Bryan Frank, University of Manchester A HIL COMPARISON OF ENERGY MANAGEMENT STRATEGIES FOR LOW COST SUPERCAPACITOR HYBRID VEHICLES

* Nigel Schofield, University of Manchester MULTIPLE BATTERY SYSTEMS FOR ELECTRIC VEHICLES.

* Ali Milad Jarushi, University of Manchester MODELLING AND ANALYSIS OF ENERGY SOURCE COMBINATIONS FOR ELECTRIC VEHICLES.

* Shigeyuki Minami, Osaka City University AN ANALYTICAL METHOD TO OBTAIN EV VELOCITY PROFILES FROM THE POWER CONSUMPTION

* Filipe Soares, INESC Porto SMART CHARGING STRATEGIES FOR ELECTRIC VEHICLES:
ENHANCING GRID PERFORMANCE AND MAXIMIZING THE
USE OF VARIABLE RENEWABLE ENERGY RESOURCES

* Chul-Ho Kim, Seoul National University of Technology ANALYTICAL STUDY ON THE PERFORMANCE ANALYSIS OF POWER TRAIN SYSTEM OF A VEHICLE

* James McDowell, SAIC OPTIMIZING ARCHITECTURES USING ACCEPTED TOOLS

* Yu-seok Jeong, Myongji University MODELING AND SIMULATION OF ELECTRIC

DRIVE SYSTEMFOR A HYBRID ELECTRIC COMBAT VEHICLE

* Harsh Naik, Rensselaer Polytechnic Institute MODELING OF HIGH-VOLTAGE 4H-SIC RECTIFIERS AND TRANSISTORS

* David Milner, Science Applications International Corporation (SAIC) MODELING AND SIMULATION OF AN AUTONOMOUS HYBRID-ELECTRIC MILITARY VEHICLE

Environmental Impacts and Life Cycle Analysis

* Julien Matheys, Vrije Universiteit Brussel - ETEC EVALUATION OF THE POTENTIAL REDUCTION OF CO2 EMISSIONS IN THE “LAST MILE” TO/FROM BRUSSELS AIRPORT THROUGH ADAPTED POLICY MEASURES AND USE OF ELECTRIC VEHICLES

* Jong Hun Docko, Chassis Controller Team SAFE SURFACE MOUNTING PACKAGES FOR LEAD FREE SOLDERING IN AUTOMOTIVE ELECTRONIC CONTROLLER

* Yusuke Wada, Waseda University ENVIRONMENTAL PERFORMANCE EVALUATION OF PLUG-IN HYBRID ELECTRIC VEHICLES

* Ann Mari Svensson, SINTEF QUANTITATIVE ASSESSMENT OF OPTIONS FOR SIGNIFICANT REDUCTION OF GHG EMISSIONS FROM ROAD TRANSPORT IN NORWAY

* Nele Sergeant, Vrije Universiteit Brussel AN ENVIRONMENTAL ANALYSIS OF FCEV AND H2-ICE VEHICLES USING THE ECOSCORE METHODOLOGY

* Eladio Knipping, Electric Power Research Institute (EPRI) ENVIRONMENTAL ASSESSMENT OF PLUG-IN HYBRID ELECTRIC VEHICLES IN CALIFORNIA AND THE UNITED STATES: ENERGY, CLIMATE, AIR AND WATER

* Lisa Göransson, Chalmers University of Technology INTEGRATION OF PLUG-IN HYBRID ELECTRIC VEHICLES IN A REGIONAL WIND-THERMAL POWER SYSTEM

Energy Efficiency & Energy Security

* Andreas Klausner, MagnaSteyr A GENERIC STATISTIC-BASED OPTIMIZATION APPROACH FOR REDUCING COMPLEXITY IN HYBRID CONTROL STRATEGIES WITH RESPECT TO VEHICLE EFFICIENCY

* Thijs van Keulen, Eindhoven University of Technology PREDICTIVE CRUISE CONTROL IN HYBRID ELECTRIC VEHICLES

* Yoshinori Kondo, National Institute for Environmental Studies UNIT ENERGY CONSUMPTION BY ELECTRIC-POWERED WAYS OF TRANSPORTATION AND APPLICATION OF ECO-DRIVE TO EV

* Hassan Homami, PB VEHICLE DRIVE ENERGY MANAGEMENT SYSTEM (VDEMS)

Electromagnetic Compatibility (EMC), Health and Security

* Soonyong Lee, Hanyang University RESEARCH OF EMC MANAGEMENT PLAN
OPTIMIZED FOR FUEL CELL ELECTRIC VEHICLE(FCEV)

* Lee Bong-yi, LS cable A NEW EMI TEST METHOD OF POWER HARNESS USED
FOR HEV/FCEV : PHSA

* Wu Zhenjun, Institute of electrical engineering, Chinese academy of sciences
PARAMETERS MEASUREMENT OF UTPS AND CROSSTALK ANALYSIS

Introduction & Demonstration

* Rob Winkel, Ecofys Netherlands BV SUCCESSFUL SMALL SCALE INTRODUCTION OF ELECTRIC VEHICLES

* Ingo Bunzeck, Energy Research Centre of the Netherlands FACILITATING THE INTRODUCTION OF HYDROGEN VEHICLES: POSSIBLE OPTIONS TO CLOSE THE COST GAP THROUGH POLICY SUPPORT

* Carel Snyman, BSE Warehouse 2010 GREEN TRANSPORT DEMONSTRATION PROJECT OF THE DEPARTMENT OF SCIENCE AND TECHNOLOGY, SOUTH AFRICA

* Alexandre Beaudet, Imperial College London ECONOMIC AND POLICY ASSESSMENT OF ELECTRIC AND HYDROGEN VEHICLES AS COMPETING OPTIONS FOR THE DECARBONISATION OF TRANSPORT

* William Dube, KillaCycle Racing team KILLACYCLE: 0-60 MPH (0-100 KM/H) IN LESS THAN 1 SECOND ON BATTERIES
- HOW WE DO IT. WHY WE DO IT

* Emmanuel Grandserre, 4icom WORLD ELECTRIC TRANSPORT ASSOCIATION - THE END USER ACCEPTANCE

Marketing & Market Research

* Christophe PILLOT, AVICENNE THE HEV MARKET 2008-2015 - IMPACT ON THE BATTERY BUSINESS.

* Yuki Kudoh, National Institute of Advanced Industrial Science and Technology
JAPANESE CONSUMERS' ACCEPTABILITY FOR ELECTRIC VEHICLES

* Gerfried Cebrat, Austrian Mobility Research METHODS TO DETERMINE ROBUST INNOVATION PATHS FOR ELECTRIC VEHICLE TECHNOLOGY

* Thomas ("Tom") Turrentine, UC Davis RESULTS OF A PUBLIC DEMONSTRATION IN WHICH 80 CALIFORNIA HOUSEHOLDS USE CONVERTED PHEVS.

* Silvia Gaggi, ISIS PUBLIC PROCUREMENT AS A TOOL TO PROMOTE THE TAKE UP OF CLEAN VEHICLES: COMPRO

* Adrian Dickinson, DHL Neutral Services A REVIEW OF THE SMART EV AND AN ANALYSIS OF THE REQUIRED DEVELOPMENTS IN BATTERY ELECTRIC VEHICLES IN ORDER TO ACHIEVE MARKET SUCCESS

* Kjell H. Strøm, Elbil Norge SMALL AND LIGHT ELECTRIC VEHICLES - A BLIMP ON THE MAP, OR A SMALL REVOLUTION?

Training & Job Creation

* Zac Chambers, Rose-Hulman Institute of Technology USE OF ADVANCED VEHICLE TECHNOLOGY COMPETITIONS TO ENGAGE, EDUCATE, AND RETAIN COLLEGIATE STUDENTS IN THE HYBRID VEHICLE FIELD

* Panagiotis Asimakopoulos, University of Patras - Department of Electrical & Computer Engineering CONVERSION OF A CONVENTIONAL VEHICLE TO A HYBRID ELECTRIC VEHICLE – STEP BY STEP DESIGN AND EXPERIMENTAL INVESTIGATION

Public Education and Promotion

* Peter Van den Bossche, Erasmus University College Brussels THE ELECTRIC ENDEAVOUR: ENGINEERING FORMATION THROUGH SYNECTRIC ELECTRIC RACE CAR DEVELOPMENT

* Kjeld Nørregaard, Danish Technological Institute NORDIC KNOWLEDGE NETWORK FOR ELECTRIC TRANSPORT

* Chie Watanabe, Japan Automobile Reserch Institute OUTREACH ACTIVITIES ON JHFC 2

* Oluf Langhelle, University of Stavanger ACCEPTABILITY OF ENVIRONMENTALLY FRIENDLY VEHICLES. A CASE STUDY FROM THE STAVANGER REGION, NORWAY.

* Fernando Fonseca, (RE)CONVERSION MECHANIC – ELECTRIC: ELECTRIC CAR AND HEALTH

Specific Fleet Applications and Management

* Barbara Jeitler, Magna Steyr Fahrzeugtechnik AG & Co KG TOOLBOX FOR ACHIEVING THE CO2 TARGETS WITH MINIMAL FINANCIAL IMPACT

* Luminata Ion, EIGSI SITE SELECTION FOR ELECTRIC CARS OF A CAR-SHARING SERVICE

* Jean-Marie Boussier, EIGSI GOODS DISTRIBUTION WITH ELECTRIC VANS IN CITIES: TOWARDS AN AGENT-BASED SIMULATION

Public Policies and Programmes (International, National and Local)

* Shioh-Huey Suen, Industrial Technology Research Institute (ITRI) PROMOTION STRATEGY OF ELECTRIC SCOOTERS IN TAIWAN

* Sjoerd Bakker, Utrecht University FUELLING OR CHARGING EXPECTATIONS? A HISTORIC ANALYSIS OF HYDROGEN AND ELECTRIC VEHICLE PROTOTYPES

* Heinrich Klingenberg, hySOLUTIONS HYDROGEN AND FUEL CELL APPLICATIONS IN HAMBURG: A POLICY PERSPECTIVE

* Pierre Schlosser, EURELECTRIC ELECTRIC VEHICLES' CONTRIBUTIONS TO REACHING EU POLICY GOALS AND RECOMMENDATIONS

* Sylvain Haon, POLIS DEVELOPMENT OF URBAN MOBILITY SCENARIOS FOR 2030 AND BEYOND

Standardization & Regulations

* vincent wynen, Vrije Universiteit Brussel DEVELOPING APPLICABLE DRIVING CYCLE FOR RETROFITTED PLUG-IN HYBRID ELECTRIC VEHICLES (PHEVS): ENVIRONMENTAL IMPACT ASSESSMENT

* jeong hun Lee, Yura Corporation DEVELOPMENT OF HEV CONNECTOR AND THE SAFETY EQUIPMENT FOR A HIGH VOLTAGE SYSTEM

Life-Cycle Cost Analyses and Short-, Medium-, and Long-Term Strategies

* Duarte Sousa, Instituto Superior Técnico/DEEC ECONOMIC ASPECTS RELATED TO THE INSTALLATION OF PHOTOVOLTAIC MODULES IN A CAMPING CAR

Global Approach Projects

* Fredrik Hedenus, Chalmers University of Technology ELECTRICITY OR HYDROGEN FOR TRANSPORTATION? SYSTEM INTERACTIONS BETWEEN THE TRANSPORTATION AND STATIONARY SECTORS IN A CARBON CONSTRAINED WORLD

* Erik Wilhelm, Paul Scherrer Institute HEURISTIC DESIGN OF ADVANCED DRIVES: ANALYSIS OF TRADE-OFFS IN POWERTRAIN ELECTRIFICATION

* Ulf Hafsel, StatoilHydro ASA HYNOR AND SHHP - A SCANDINAVIAN APPROACH FOR A MULTINATIONAL HYDROGEN HIGHWAY

D2: Dialogue Session

2009-05-15, 17:30-19:00, Exhibition Hall

Chairmen: Peter Van den Bossche, Joeri Van Mierlo

Batteries & Energy storage

- * Markus Stiegeler, University of Ulm VIRTUAL BATTERY SIZE ON COST FUNCTION-BASED OPERATIONAL STRATEGIES FOR PARALLEL HYBRID DRIVETRAINS
- * Nobuo Kihira, CRIEPI DEVELOPMENT OF ACCELERATED DETERIORATION TEST METHOD FOR LITHIUM-ION BATTERY FOR EV AND PHEV APPLICATIONS
- * Gregory Plett, University of Colorado at Colorado Springs EFFICIENT BATTERY PACK STATE ESTIMATION USING BAR-DELTA FILTERING
- * Lee Emily, Heter Battery Co.,ltd LIFEPO4 BATTERY
- * Jesper Jespersen, Danish Technological Institute CAPACITY MEASUREMENTS OF LI-ION BATTERIES USING AC IMPEDANCE SPECTROSCOPY
- * Amine Khalil, Argonne National Laboratory ADVANCED HIGH POWER AND HIGH ENERGY SYSTEMS FOR AUTOMOTIVE APPLICATIONS
- * Gao Ming, Department of automotive of Tsinghua University DEVELOPMENT OF BATTERY MANAGEMENT SYSTEM INTEGRATING OBD-II FUNCTION FOR EVS
- * Nobuhito Ohnuma, PUES corporation INTRODUCTION TO THE SECOND GENERATION BATTERY CONTROL UNIT FOR LITHIUM ION BATTERIES
- * Valérie Sauvant-Moynot, IFP AN INTEGRATED APPROACH TO HIGH-POWER BATTERY MODELING: FROM THE ELECTROCHEMISTRY TO THE VEHICLE
- * Toshihiko Furukawa, united chemi-con.inc/Nippon Chemi-Con Group CAPACITORS FOR INTERNAL COMBUSTION ENGINE STARTING WITH GREEN TECHNOLOGY DLCAP
- * Philippe STEVENS, EDF R&D DEVELOPMENT OF AN ELECTRICALLY RECHARGEABLE ZINC AIR BATTERY FOR ELECTRIC VEHICLES
- * Andrew Burke, university of California-Davis, Institute of Transportation Studies PRESENT STATUS AND PROJECTED FUTURE POTENTIAL OF ELECTROCHEMICAL CAPACITORS AS ENERGY STORAGE IN HYBRID-ELECTRIC VEHICLES
- * Michael Roscher, RWTH Aachen INFLUENCE OF CATHODES TECHNOLOGY ON THE POWER CAPABILITY AND CHARGE ACCEPTANCE OF LITHIUM ION BATTERIES.

* Ralf Benger, Institute of electrical power engineering CHARACTERIZING ELECTROCHEMICAL SYSTEMS USED FOR HIGH-CURRENT APPLICATION BY MEASURING THE SHORT CIRCUIT CURRENT AND THE INTERNAL RESISTANCE

* Heinz Joergensen, Daimler AG TRACTION BATTERY FOR APPLICATION IN A HYBRID SPRINTER WITH PLUG-IN TECHNOLOGY

* Yuh-Fwu Chou, TD HiTech Energy Inc. DESIGNS OF LI-ION BATTERY PACKS AND MANAGEMENT SYSTEMS (BMS) FOR LIGHT ELECTRIC VEHICLES

* Han Jaehyun, Hanyang University DUAL KALMAN FILTER FOR STATE OF CHARGE ESTIMATION OF A LEAD-ACID BATTERY

* wang liye, CAS RESEARCH ON BATTERY BALANCE SYSTEM APPLIED ON HEV

* Cyrus Ashtiani, Chrysler RECENT DEVELOPMENTS AT UNITED STATES ADVANCE BATTERY CONSORTIUM

* Jens Groot, Volvo Technology Corporation / Chalmers University of Technology STATISTIC METHOD FOR EXTRACTION OF SYNTHETIC LOAD CYCLES FOR CYCLELIFE TESTS OF HEV LI-ION BATTERIES

* Wang Zhen Po, Beijing Institute of Technology THE STATUS QUO AND TRENDS OF STUDIES ON COLLISION SAFETY OF ELECTRIC VEHICLES

* SUN Liqing, Beijing Institute of Technology STATE-OF-ART OF ON-BOARD ENERGY STORAGE SYSTEM FOR ELECTRIC VEHICLE IN CHINA

* SUN Liqing, Beijing Institute of Technology ZINC-BROMINE BATTERY AND ITS APPLICATION IN FIELD OF ELECTRIC VEHICLE

* Karl Kordesch, Technical University Graz RECHARGEABLE BATTERIES AND AFFORDABLE ALKALINE FUEL CELL HYBRIDS

* Meng Xiang feng, China Automotive Technology & Research Center DEVELOPMENT OF BATTERY LIFE PREDICTION BASED ON THE DEGRADATION DATA FOR LITHIUM BATTERIES FOR BATTERY VEHICLES IN CHINA

* Matti Liukkonen, Teknillinen Korkeakoulu LOW-PASS FILTERED POWER-FLOW CONTROL IN SERIES HYBRID ELECTRIC VEHICLE

* Jochen Gerschler, ISEA RWTH Aachen University INVESTIGATION AND MODELING OF VOLTAGE BEHAVIOR OF LITHIUM-ION BATTERIES WITH NiOOH- AND Ni_{0.33}Mn_{0.33}Co_{0.33}O₂- BASED CATHODES UNDER SPECIAL CONSIDERATION OF EQUILIBRIUM VOLTAGE PHENOMENA

* Chengtao Lin, Tsinghua University APPLICATION OF BIG CAPACITY NI-MH BATTERY PACKS IN THE PUBLIC TRANSPORTATION DEMONSTRATION

PROJECT OF 2008 BEIJING OLYMPIC GAME

* Teng Li, Tsinghua University PERFORMANCE TESTS AND ANALYSES ON LIFEPO4 BATTERY

* Tsepin Tsai, eVionyx THE NICKEL ZINC BATTERY RENAISSANCE

* Sungwoo Cho, Seoul National University RECURSIVE STATE-OF-CHARGE ESTIMATION ALGORITHM USING ELECTROCHEMICAL CELL MODEL FOR LITHIUM POLYMER BATTERY HYBRID SYSTEM

* Christophe Dudevart, Renault APPLICATION OF A MECHANICAL METHODOLOGY IN LITHIUM-ION BATTERY LIFE PREDICTION

* João Pedro Trovão, Polytechnic Institute of Coimbra (IPC-ISEC) Portugal DESIGN METHODOLOGY OF ENERGY STORAGE SYSTEMS FOR A SMALL ELECTRIC VEHICLE

* Lee Kang Won, KRRI STUDY ABOUT THE APPLICATION OF LPB FOR THE PROPULSION SYSTEM IN BIMODAL TRAM

* Giuseppe Guidi, NTNU EFFECTIVENESS OF SUPERCAPACITORS AS POWER-ASSIST IN PURE EV USING A SODIUM NICKEL-CHLORIDE BATTERY AS MAIN ENERGY STORAGE

* Hasan CULCU, Vrije Universiteit Brussel CELL CHARACTERIZATION OF LITHIUM-ION CAPACITOR WITH FREEDOMCAR MODEL

* Hasan CULCU, Vrije Universiteit Brussel INTERNAL RESISTANCE OF CELLS OF LITHIUM BATTERY MODULES WITH FREEDOMCAR MODEL

* Antti Vayrynen, Helsinki Metropolia University of Applied Sciences CONTROL CRITERIA OF AN ELECTRIC VEHICLE BATTERY EQUALIZING SYSTEM

* Fiorentino Valerio Conte, arsenal research SAFETY IN THE BATTERY DESIGN

* Laura Schacht, Bitrode Corporation HIGH-SPEED HYBRID BATTERY END-OF-LINE TEST SYSTEM

* Noshin Omar, Vrije Universiteit Brussel EFFECTIVENESS EVALUATION OF A SUPER CAPACITOR-BATTERY PARALLEL COMBINATION FOR HYBRID HEAVY LIFT TRUCKS

* Valentine-Urbschat Michael, Roland Berger Strategy Consultants POWERTRAIN 2020 – CHALLENGES AND OPPORTUNITIES FOR OEMS AND SUPPLIERS

* Bavo Verbrugge, VUB-EHB (UAB) MODELLING THE RESS: DESCRIBING ELECTRICAL PARAMETERS OF BATTERIES AND ELECTRIC DOUBLE-LAYER CAPACITORS THROUGH MEASUREMENTS

* Chisu Kim, EIG Ltd LIFEP04 -BLENDED CATHODE AS A POTENTIAL ELECTRODE FOR EV APPLICATION

* K.C. Lim, Valence Technology MEETING ELECTRICAL VEHICLES BATTERY DEMANDS

* Peijen , National Tsing Hua University AN INNOVATIVE BATTERY SYSTEM FOR ELECTRIC VEHICLES BASED UPON LITHIUM IRON PHOSPHATES CHEMISTRY

* Christiaan Tol, TNO (Netherlands Organisation for Applied Scientific Research) BATTERY ENERGY STORAGE SYSTEM

* Scott Ferguson, Saft LARGE FORMAT HIGH POWER LITHIUM ION BATTERIES

* Scott Fish, Institute for Advanced Technology THE UTILITY OF MODERN HIGH POWER LI+ BATTERIES FOR EFFICIENT LOAD LEVELING IN COMBAT VEHICLES

* Marcel Gauch, EMPA LIFE CYCLE ASSESSMENT OF LITHIUM POLYMER BATTERIES AND IMPLICATIONS ON FUTURE E-MOBILITY APPLICATIONS

* Patrik Johansson, Chalmers Tekniska Högskola ENERGY STORAGE ACTIVITIES IN THE SWEDISH HYBRID VEHICLE CENTRE

Propulsion systems & Subsystems

- * Nobuyoshi Mutoh, Graduate School of Tokyo Metropolitan Univeristy
FRONT-AND-REAR-WHEEL-INDEPENDENT-TYPE ELECTRIC VEHICLES (FRID
EVS) COMPATIBLE WITH BOTH THE DRIVING PERFORMANCE AND THE
SAFETY
- * Jochen Lindenmaier, University Ulm DATA ACQUISITION UNIT FOR GENERATION
OF REALISTIC DRIVING CYCLES FROM REAL WORLD DATA
- * Yannick Louvigny, University of Liège PRELIMINARY DESIGN OF
TWIN-CYLINDER ENGINES FOR HYBRID ELECTRIC VEHICLE APPLICATIONS
- * Mark Bernacki, University of Ontario Institute of Technology DESIGN AND
DEVELOPMENT OF AN INDEPENDENT HUB MOTOR REAR DRIVE ELECTRIC
VEHICLE WITH ELECTRONIC DIFFERENTIAL
- * Morimoto Masayuki, Tokai University RARE EARTH LESS TRACTION MOTOR FOR
ELECTRIC VEHICLE
- * Van Wieringen Matt, UOIT DESIGN AND DEVELOPMENT OF A DUAL-FUEL
(HYDROGEN + GASOLINE) POWER SYSTEM FOR AN EXTENDED RANGE
ELECTRIC VEHICLE
- * Zhifu Wang, EV Center, Beijing Institute of Technology ESTIMATE METHOD OF
STATOR RESISTANCE IN ELECTRIC VEHICLES PROPULSION SYSTEMS WITH
MRAS
- * Hong Fu, Department of Automotive Engineering, Tsinghua University, Beijing,
P.R.China THE CONTROL ALGORITHM OF ACTIVE SYNCHRONIZATION OF
MOTOR IN SHIFTING PROCESS FOR ELECTRIC VEHICLES
- * Juan de Santiago, Dep. Eng. Sciences, Div. for electricity, Uppsala University DESIGN
PARAMETERS CALCULATION OF A NOVEL DRIVELINE
FOR ELECTRIC VEHICLES
- * Murat Demirci, TUBITAK MRC Energy Institute POWERTRAIN DESIGN &
CONTROL OF A SERIES HYBRID ELECTRIC BUS
- * T.W. Ching, University of Macau ZERO-VOLTAGE-TRANSITION CONVERTERS
FOR EV DRIVES
- * Andrew Burke, university of California-Davis, Institute of Transportation Studies
SIMULATED PERFORMANCE OF ALTERNATIVE HYBRID-ELECTRIC
POWEERTRAINS IN VEHICLES ON VARIOUS DRIVING CYCLES
- * Chien Shih-Hsiang, Industrial Technology Research Institute DESIGNS AND
IMPLEMENTATION FOR AN ADVANCED AUTOMATED MANUAL
TRANSMISSION SYSTEM OF HYBRID ELECTRIC VEHICLES

- * Jeong Il Seo, Agency for Defense Development EXPERIMENTAL RESEARCH ON WHEEL SLIP CONTROL FOR THE HEV IN-WHEEL MOTOR ALONG THE ROUGH TERRAIN WITH RECTANGULAR OBSTACLES
- * Jeongmin Kim, Sungkyunkwan University CONTROL STRATEGY FOR A TWO MODE HYBRID ELECTRIC VEHICLE USING EVT MODE AND FIXED GEAR MODE
- * Tiene Nobels, GROUP T - Leuven Engineering College DESIGN AND OPTIMISATION OF A SWITCHED RELUCTANCE MOTOR FOR AN ELECTRIC DRIVE TRAIN
- * WooSeok Won, MANDO Corp. THE STUDY ON INVERTER DESIGN FOR A MDPS IN A FUEL CELL BASED ELECTRIC VEHICLE
- * Soono Kwon, Hanyang university TORQUE RIPPLE REDUCTION OF INTERIOR PERMANENT MAGNET SYNCHRONOUS MOTOR FOR ELECTRIC POWER STEERING USING HARMONIC CURRENT AT LOADED CONDITIONS
- * Pete James, Prodrive Ltd DC-DC CONVERTER FOR HYBRID AND ALL ELECTRIC VEHICLES
- * hongwen HE, Beijing Institute of Technology CLASSIFICATION ANALYZING ON ELECTROMECHANICAL COUPLING SYSTEM OF HYBRID ELECTRIC VEHICLE
- * Pedro Otaduy, Oak Ridge National Laboratory BENEFITS OF CHANGING DYNAMICALLY THE NUMBER OF STATOR TURNS IN PROPULSION MOTORS FOR ELECTRIC AND HYBRID VEHICLES
- * Ngo Dac Viet, Eindhoven University of Technology SHIFTING STRATEGY FOR STEP CHANGE TRANSMISSION VEHICLE - A COMPARATIVE STUDY AND DESIGN METHOD
- * Volker Pickert, Newcastle University CONTROLLED SERIES CAPACITOR CONVERTERS APPLIED IN GENERATOR-SETS FOR SHEV'S
- * Kim Gangchul, Korea Institute of Energy Research SMALL SCALE LINEAR CERAMIC ENGINE GENERATOR FOR HYBRID PERSONAL MOTORIZED MOBILITY DEVICES
- * Takeshi Fujii, University of Tokyo MOTOR-ASSISTED AMT SYSTEM DRIVEN BY SUPERCAPACITORS AND DISTURBANCE OBSERVER-BASED CONTROLLER
- * Matteo Cavalletti, FAAM S.p.A. INTELLIGENT POWERTRAIN MANAGEMENT SYSTEM FOR A FUEL CELL ELECTRIC VEHICLE
- * Jaegoo Kim, Mando ANTI-SLIP CONTROL OF ELECTRIC VEHICLE FOR BRAKING DISTANCE SHORTENING WITHOUT MECHANICAL BRAKE
- * Bogdan Fijalkowski, Cracow University of Technology ELECTRO-MECHANICAL DIFFERENTIALS FOR SUPPRESSION OF SELF-GENERATED WIND-UP TORQUES

IN DBW AWD PROPULSION MECHATRONIC CONTROL SYSTEMS

* Vito Di Giacomo, Polo per la mobilità sostenibile Regione Lazio " BIZZARRINI P538 ECO TARGA " PROJECT

* Simone Sgreccia, Polo per la mobilità sostenibile Regione Lazio HYBRID PICKUP PROJECT

* Hsu Shih-Hsin, Industrial Technology Research Institute AN EXPERT SYSTEM FOR AUTOMATED DESIGN SYSTEM FOR THE HUB MOTOR ON LIGHT ELECTRIC VEHICLE

* Per H. Sørensen, HIGH EFFICIENCY BICYCLE PROPULSION SYSTEM USING TWO MOTORS AND EPICYCLIC GEARING

* Yongchang Du, Tsinghua University HYBRID ELECTRIC SUV BASED ON DUAL ROTOR PM MOTOR

* Yongchang Du, Tsinghua University DUAL ROTOR PM MOTOR HEV DRIVELINE LABORATORY TEST

* Yi-Hsien Chiang, Industrial Technology Research Institute REALIZATION AND IMPLEMENTATION OF ADAPTIVE CONTROL FOR PERMANENT MAGNET SYNCHRONOUS MOTOR ON AN ELECTRIC VEHICLE

* GERARDO MINO-AGUILAR, BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA PROPULSION SYSTEM FOR AN ELECTRIC VEHICLE USING ULTRACAPACITORS

* Uwe Vollmer, Technical University of Berlin MINIMIZATION OF LOSSES OF PMSM FOR HEV

* Thierry Coosemans, Vrije Universiteit Brussel DATA ACQUISITION SYSTEM FOR OPTIMIZATION OF SERIES HYBRID PROPULSION SYSTEMS

* David Griscti, University of Malta IMPLEMENTATION OF AN ELECTRIC BOAT DESIGNED TO OPERATE ON FREQUENT SHORT TRIPS

* Bram Veenhuizen, HAN University FUEL CELL HYBRID DRIVE TRAIN TEST FACILITY

* Chris Mi, University of Michigan-Dearborn INTEGRATED DESIGN OF POWERTRAIN CONTROLLERS IN SERIES HYBRID ELECTRIC VEHICLES FOR EFFICIENCY ENHANCEMENT AND BATTERY LIFETIME EXTENSION

* David Milner, Science Applications International Corporation (SAIC) SYSTEM INTEGRATION PROGRESS IN THE U.S. ARMY TARDEC POWER AND ENERGY P&E SIL PROGRAM

* David Milner, Science Applications International Corporation (SAIC)
DEMONSTRATION OF BOOST PHASE CONTROL ALGORITHM

* David Milner, Science Applications International Corporation (SAIC) TESTING OF
DC-DC CONVERTERS ON TARDEC TESTBED

* David Milner, Science Applications International Corporation (SAIC) POWER SYSTEM
DESIGN AND OPTIMIZATION FOR TACTICAL WHEELED VEHICLES

* T. Paul Chow, Rensselaer Polytechnic Institute HIGH VOLTAGE GAN POWER
TRANSISTORS FOR ELECTRIC VEHICLE APPLICATIONS

* Peter Ehrhart, L-3 Communications Magnet-Motor GmbH POWER ELECTRONICS
BASED ON SIC AND SI/SIC-HYBRID MODULES

* Sigrid Jacobs, Arcelor Mittal MAGNETIC MATERIAL OPTIMIZATION FOR HYBRID
VEHICLE PMSM DRIVES

Fuel Cells

- * Ashley Kells, Intelligent Energy Ltd DEVELOPMENT OF A LIGHT DUTY COMMERCIAL FUEL CELL VEHICLE – BY INTELLIGENT ENERGY AND PSA PEUGEOT CITRO?
- * Hyunwoo Lee, KATRI(Korea Automobile Testing & Research Institute) DEVELOPMENT OF FUEL ECONOMY MEASUREMENT METHOD FOR FUEL CELL VEHICLE
- * Myung Kyun Park, Myongji University ANALYSIS OF CLAMPING PRESSURE DISTRIBUTION IN PEM FUEL CELL BY FEM AND EXPERIMENT.
- * Kim Hyung-Man, Inje University PERFORMANCE EVALUATION OF NEXA FUEL CELL WITH ATMOSPHERIC TEMPERATURE AND HUMIDITY DATA
- * Kim Hyung-Man, Inje University PERFORMANCE EVALUATION OF MICRO PEM FUEL CELL THROUGH THE NUMERICAL ANALYSIS AND FABRICATION OF MICRO-CHANNEL
- * Keith Wipke, National Renewable Energy Lab U.S. FUEL CELL VEHICLE LEARNING DEMONSTRATION: STATUS UPDATE AND EARLY SECOND-GENERATION VEHICLE RESULTS
- * David Kashevaroff, UC Davis THE POTENTIAL OF USING AUTOTHERMAL REFORMATION WITH COPPER-BASED CATALYSTS IN VEHICLE APPLICATIONS
- * Hyunseok Chung, Seoul National University A MODIFIED DYNAMIC MODEL FOR POLYMER ELECTROLYTE MEMBRANE(PEM) FUEL CELL STACK TO CONTROL WATER MANAGEMENT
- * Frieder Herb, ZSW INVESTIGATION OF CONTROL STRATEGIES AND LI-BATTERY AGING IN A FUEL CELL HYBRID CAR MODEL
- * Kai Steckmann, SFC EV HYBRIDS: DIRECT METHANOL FUEL CELLS AND BATTERIES MAKE LEVS INDEPENDENT OF THE GRID
- * James Miller, Argonne National Laboratory HYDROGEN FUEL PURITY IMPACTS FOR FUEL CELL VEHICLES
- * Fred Joseck, U.S. Department of Energy EVALUATION OF A PLATINUM LEASING PROGRAM FOR FUEL-CELL VEHICLES
- * Henning Severson, University of Stavanger LITERATURE STUDY OF SOFC PERFORMANCE AND DEGRADATION DURING SHORT AND LONG TIME OPERATION
- * Jukka-Pekka Spets, Helsinki University of Technology (TKK) BIOORGANIC MATERIALS AS FUELS FOR LOW-TEMPERATURE DIRECT-MODE FUEL CELLS

Auxiliary Systems

* Yoshio Matsuo, FDK CORPORATION DEVELOPMENT OF HIGHLY EFFECTIVE CONTROL CIRCUIT USING CONVERTER METHOD FOR MULTIPLE SERIES BATTERY SYSTEMS

* akira nishiura, fuji electric device technology Co.,Ltd. IMPROVED LIFE OF IGBT MODULE SUITABLE FOR ELECTRIC VEHICLE

* hiroatsu tokuda, PUES Corporation THE NEW TYPE ELECTRIC LEAKAGE SENSOR

* Jeong Jong Lee, Department of Automotive Engineering, School of Mechanical Engineering, Hanyang University COGGING TORQUE ANALYSIS OF THE PMSM FOR HIGH PERFORMANCE ELECTRICAL MOTOR CONSIDERING MAGNETIC ANISOTROPY OF ELECTRICAL STEEL

* Nikolaos Staunton, Newcastle University CHALLENGES IN COOLING SYSTEM DESIGN FOR HYBRID ELECTRIC VEHICLES

* WooSeok Won, MANDO Corp. THE STUDY ON DEVELOPMENT OF MOTOR DRIVEN POWER STEERING SYSTEM FOR FUEL CELL ELECTRIC VEHICLE

* Leone Martellucci, Polo per la Mobilità Sostenibile della Regione Lazio AN EMBEDDED COMPUTER BASED SYSTEM FOR MONITORING, DIAGNOSTICS AND COMMUNICATION IN HYBRID AND ELECTRIC VEHICLES.

* Nabil Hammad, Helwan UNIV COMPARATIVE STUDY OF SEMICONDUCTOR POWER DEVICES FOR AUTOMOTIVE HYBRID AND 42 V BASED SYSTEMS

* Shin-Hung Chang, Industrial Technology Research Institute IMPLEMENTATION AND CONTROL LOGIC DESIGN OF INTELLIGENT ELECTRIC POWER STEERING SYSTEM

* Shigeyuki Minami, Osaka City University EV RANGE EXTENDER: BETTER MILEAGE THAN PLUG-IN HYBRID?

* Anton Müller, L-3 Communications Magnet-Motor GmbH INTEGRATED STARTER GENERATOR – MORE THAN A 24V VEHICLE POWER SUPPLY

Charging Infrastructure

- * Yushi KAMIYA, Waseda Univ. DEVELOPMENT OF SHORT-RANGE FREQUENT-RECHARGING SMALL ELECTRIC VEHICLE EQUIPPED WITH NON-CONTACT INDUCTIVE POWER SUPPLY SYSTEM
- * Sergii Plaksin, Institute "Transmag" of NAS of Ukraine CHRONOPOTENTIOMETRIC CONTROL OF PARAMETERS OF LEAD BATTERIES DURING THE PROCESS OF CHARGE
- * Kristien Clement, Katholieke Universiteit Leuven, ESAT\ELECTA ANALYSIS OF THE IMPACT OF PLUG-IN HYBRID ELECTRIC VEHICLES ON THE RESIDENTIAL DISTRIBUTION GRIDS BY USING QUADRATIC AND DYNAMIC PROGRAMMING
- * Feng-Hsiang Hsiao, Asia Pacific Fuel Cell Technologies, Ltd FUEL CELL SCOOTER COMMERCIALIZATION - ENABLING HYDROGEN INFRASTRUCTURE CONCEPT
- * xuping li, university of California, Davis AN OVERVIEW OF AUTOMOTIVE HOME REFUELING
- * Erin Kurai, AeroVironment ELECTRIC VEHICLE INFRASTRUCTURE DEVELOPMENT: AN ENABLER FOR ELECTRIC VEHICLE ADOPTION
- * Richard Lowenthal, Coulomb Technologies THE NEED FOR A SMART CHARGING INFRASTRUCTURE
- * Kevin James Dyke, University of Manchester UNDERSTANDING THE IMPACT OF PHEV ON ELECTRICAL NETWORKS AND STANDARDS

Energy Supply issues

* Christoph Stiller, Ludwig-Bölkow-Systemtechnik GmbH BUILDING A HYDROGEN INFRASTRUCTURE IN NORWAY

* Pedram Mohseni, Duke Energy ELECTRIC VEHICLES: HOLY GRAIL OR FOOL'S GOLD

* Cristina Camus, ELECTRIC VEHICLES AND THE ELECTRICITY SECTOR REGULATORY FRAMEWORK: THE PORTUGUESE EXAMPLE

* Xiaodong Zhang, The University of Hong Kong DESIGN AND IMPLEMENTATION OF A THERMOELECTRIC-PHOTOVOLTAIC HYBRID ENERGY SOURCE FOR HYBRID ELECTRIC VEHICLES

* Takehiro Imura, The University of Tokyo ROBUSTNESS OF CONTACTLESS POWER TRANSFER USING MAGNETIC RESONANCE COUPLING TO AIR GAP AND MISALIGNMENT FOR EV

* Mark Kapner, Austin Energy AUSTIN ENERGY'S EXPERIMENT WITH SMART CHARGING

* Teng Le tian, RESEARCH ON PURE ELECTRIC VEHICLE CHARGE-SYSTEM

* Luiz Artur Pecorelli Peres, State University of Rio de Janeiro - UERJ TESTS PROCEDURES AND MEASUREMENTS FOR RECHARGE EVALUATION OF BATTERY ELECTRIC VEHICLES IN POWER CONCESSIONAIRES IN BRAZIL

* Fabio Montemurro, E4tech THE IMPACT OF EV ON AN ELECTRICITY SYSTEM WITH HIGH RENEWABLE PENETRATION

* Nuno Domingues, ISEL-DEEA TURNING ELECTRIC VEHICLES EVEN MORE GREEN: THE POWER MARKET WITH CO2

* Rudolf Hunik, IWO INTELLIGENT E-TRANSPORTATION MANAGEMENT

Vehicle to Grid

* Rob Winkel, Ecofys Netherlands BV OPTIMAL BATTERY USE FOR VEHICLE TO GRID (V2G)

* Yutaka Ota, Nagoya Institute of Technology BATTERY ENERGY STORAGE NETWORK OF GRID-CONNECTED ELECTRIC VEHICLE FOR INTRODUCING RENEWABLE ENERGY TO POWER SYSTEM

* Michael Kintner-Meyer, Pacific Northwest National Laboratory SMART CHARGER TECHNOLOGY FOR CUSTOMER CONVENIENCE AND GRID RELIABILITY

* Timo Doescher, Fraunhofer Institute for Solar Energy Systems EVALUATION OF DIFFERENT VEHICLE-TO-GRID INTEGRATION CONCEPTS

* Duarte Sousa, Instituto Superior Técnico/DEEC SOME ASPECTS OF JOINING PHOTOVOLTAIC MICRO-GENERATION SYSTEMS WITH PLUG-IN HYBRID ELECTRIC VEHICLES

* Viezbicke Brian, Rutgers University UNDERSTANDING ENERGY COSTS FOR PHEV CONVERSION PACKS AS WE MOVE TO V2G

* MIHAI PAUN, EURELECTRIC ELECTRIC VEHICLES - REACHING EUROPEAN POLICY GOALS

* Cord-Henrich Dustmann, Battery Consult sagl SWISSV2G

6. Exhibition

2009-05-13, 09:00-17:00: Access for Press
2009-05-13, 10:00-17:00: Access for EVS24 Participants
2009-05-13, 10:00-17:00: Access for the Public
2009-05-14, 10:00-17:45: Access for EVS24 Participants
2009-05-14, 14:00-17:45: Access for the Public
2009-05-15, 10:00-19:00: Access for EVS24 Participants
2009-05-15, 14:00-19:00: Access for the Public

7. Ride&Drive

2009-05-13, 10:00-16:00: Access for EVS24 Participants
2009-05-13, 10:00-16:00: Access for the Public
2009-05-14, 10:00-17:30: Access for EVS24 Participants
2009-05-14, 13:30-17:30: Access for the Public
2009-05-15, 10:00-17:30: Access for EVS24 Participants
2009-05-15, 13:30-17:30: Access for the Public