



IEEE Vehicle Power and Propulsion'04

Final program & authors list

Paris October 6-8 2004



IEEE VTS - Vehicle Power & Propulsion 2004 - Planning

Wednesday october 6

10h00	Registration	
14h30		
15h00		
16h00		
16h30	WP4-1 WP4-2 WP4-3 WP4: Electric traction	WP5-1 WP5-2 WP5-3 WP5: Power converters
17h30		

Thursday october 7

9h00	TA1: Plenary session	
10h00	Coffee break	
10h30	TA2-1 TA2-2 TA2-3 TA2-4 TA2-5 TA2: Battery	TA3-1 TA3-2 TA3-3 TA3-4 TA3: Motor drives control in electric and hybrid electric vehicle
12h10	Lunch	
14h00	TP1-1 TP1-2 TP1-3 TP1-4 TP1: Traction	TP2-1 TP2-2 TP2-3 TP2-4 TP2: Applications of electric traction
15h20	Pause	
15h30	TP3-1 TP3-2 TP3-3 TP3-4 TP3: Vehicle control and supervision	TP4-1 TP4-2 TP4-3 TP4-4 TP4: Fuel cell
16h50	Coffee break	
17h20	TP5-1 TP5-2 TP5-3 TP5-4 TP5: Hybrid powertrain	Meeting IEEE VTS VPP committee
18h40	Pause	
20h00	Gala Dinner	
late		

Friday october 8

9h00	FA1-1 FA1-2 FA1-3 FA1-4 FA1 : Vehicle design	FA2-1 FA2-2 FA2-3 FA2-4 FA2: Ultracapacitors
10h20	Coffee break	
10h50	FA3-1 FA3-2 FA3-3 FA3-4 FA3: Hybrid vehicle I	FA4-1 FA4-2 FA4-3 FA4-4 FA4: Estimation and control for VPP II
12h10	Lunch	
14h00	FP1-1 FP1-2 FP1-3 FP1-4 FP1: Hybrid vehicle II	FP2-1 FP2-2 FP2-3 FP2-4 FP2: Electrical engineering for traction systems
15h20	Coffee break	
15h50	FP3-1 FP3-2 FP3-3 FP3: Electric machine	FP4-1 FP4-2 FP4-3 FP4: Diagnosis and Risk analysis
17h00	Closing Session	
17h15		



IEEE Vehicular Power & Propulsion

Final program

Wednesday October 6

10h00-14h30: Registration

14h30-15h00: **WP1** Opening session

15h00-16h00: **WP2 42 V systems**

Chairman: Mark Ehsani (Texas A&M University, USA)

- WP2-1: “*The Dynamic Characteristics of a 42V Prototype Integrated Starter Alternator during Sudden Load Changes*”, C. P. Mudannayake, M. F. Rahman.
- WP2-2: “*Optimal control of an integrated induction starter generator*”, Pascal Ly, Cédric Plasse, Christophe Forgez, A. Konieczka, Jean Paul Vilain, Jean Marie Biedinger.
- WP2-3: “*Prediction of Electromagnetic Radiated Emissions in 14/42V Vehicle Electrical Systems by Method of Moments*”, Guido Ala, Maria Carmela Di Piazza, Giovanni Tinè, Fabio Viola, Gianpaolo Vitale.

15h00-16h00: **WP3: Estimation and control for VPP I**

Chairman: Jimmy Lauber (LAMIH University of Valenciennes, France)

- WP3-1: “*Real-time robust control of a two-wheeled vehicle: the B2*”, H. Tirmant, L. Vermeiren, T.M. Guerra, M. Baloh, M. Parent.
- WP3-2: “*Compression ignition engine simulator for instantaneous pressure and torque generation*”, Olivier Grondin, Jean Maquet, Richard Stobart, Houcine Chafouk.
- WP3-3: “*Energy Management System for an Electric Vehicle, Using Ultracapacitors and Neural Networks*”, Jorge Moreno, Juan Dixon, Micah Ortúzar.

16h00-16h30: Coffee break

16h30-17h30: **WP4: Electric Traction**

Chairman: Sture Eriksson (Royal Institute of Technology, Stockholm, Sweden)

- WP4-1: “*LISELEC : a multi-agent system*”, Jean-Marie Boussier, Pascal Estraillier, Dominique Breuil.
- WP4-2: “*Consideration of Skew Slots in the Performance Calculations of Four-Quadrant Transducer*”, Ping Zheng, Peter Thelin, Erik Nordlund, Sture Eriksson, Chandur Sadarangani.

- WP4-3: “*The Use of the CHDN to Model a Permanent Magnet Synchronous Motor powered by ultracapacitors: Electrical Vehicle Application*”, Chami Mouhcine, Abdesslem Djerdir, Janah Saadi, Abdellatif Miraoui.

16h30-17h30: WP5: Power Converters

Chairman: Steven Schulz (General Motors Advanced Technology Center Torrance, USA)

- WP5-1: “*Paralleling of Power MOSFETs – Steady State Operation*”, Tobias Tolle, Toni Lopez, Reinhold Elferich
- WP5-2: “*Drive System for Traction Applications Using 81-Level Converter*”, Juan W. Dixon, Micah E. Ortúzar, Luis A. Morán.
- WP5-3: “*Utilization of CUK converter as speed controller and a battery charger in an industrial transpallet*”, Lacressonniere Fabien, Cassoret B.

Thursday October 7

9h00-10h00: TA1 Plenary session I

Chairman: John Miller (JNJ Miller Design Services, Cedar, USA)

- “*Toward a Sustainable Vehicle Technology and its Energy Infrastructure*”, Mark Ehsani

10h00-10h30: Coffee break

10h30-12h10: TA2: Battery

Chairman: Massimo Ceraolo (Dept. of Electric Systems and Automation, Pisa, Italia)

- TA2-1: “*Monitoring Battery System for Electric Vehicle, Based On 'One Wire' Technology*”, Javier Ibáñez Vial, Juan W. Dixon.
- TA2-2: “*42 V Lithium-ion battery characteristics modeling using the Design Of Experiments approach*”, Luminita Ion-Boussier, André Mièze, François Duclaud, Patrick V. Bos, Thomas H. P. Ariaans.
- TA2-3: “*Experimental Evaluation of “Memory Effect” on a Nickel-Metal Hydride Power Battery*”, Massimo Ceraolo, Carmine Miulli, Fiorentino Valerio Conte.
- TA2-4: “*Application of a 42V NiMH battery model to design a control law for a mild hybrid vehicle*”, Emmanuel Kuhn, Christophe Forgez, Guy Friedrich.
- TA2-5: “*Design and Simulation of Zinc-air Fuel Battery Hybrid Electric Bus*”, Sun Liqing, Li Min, Shi Peiji.

10h30-11h50: TA3: Motor Drives Control in Electric and Hybrid Electric vehicle (Invited Session)

Chairman: Jean-Marie Kauffmann (L2ES, UTBM, Belfort, France)

- TA3-1: “*Parametric Design of the Traction Motor and Energy Storage for Off-Road and Military Vehicles*”, M. Ehsani Y. Gao.
- TA3-2: “*Experiences in the Design and Control of PMSM Drives for Light Traction Applications*”, N. Bianchi, S. Bolognani, M. Zigliotto.
- TA3-3: “*Power Management on an Experimental Series Hybrid Electric Vehicle*”, D. Bouquain, K. El Kadri, Y. Aït Amirat, J.M. Kauffmann.
- TA3-4: “*Fault-Tolerant Control of Electric Motor Drive in EVs and HEVs: From Conventional to Modern and Intelligent Control Techniques. Case Studies on an Induction Motor Traction*”, M.E.H. Benbouzid, M. Zeraoulia, D. Diallo.

12h10-14h00: Lunch

14h00-15h20: TP1: Traction (Invited Session GRAISyHM project TRACTION)

Chairman: Thierry Marie Guerra (LAMIH University of Valenciennes, France)

- TP1-1: “*LMI conditions for continuous uncertain TS models in closed-loop with an observer: application to engine speed control*”, Jimmy Lauber, Thierry Marie Guerra, Wilfrid Perruquetti.
- TP1-2: “*A low energy consumption scheme for induction motors: a flatness based optimal control*”, N. Leroy, Wilfrid Perruquetti, T. Floquet.
- TP1-3: “*Electrochemical Phenomena Modelling in PEM Fuel Cell with Bond Graph Approach*”, Salim Benbouzid, Geneviève Dauphin-Tanguy, Franck Guillemard, Cedric Nouillant.
- TP1-4: “*Torque tracking strategy of traction drives with series connected DC machines*”, A. Bouscayrol, P. Delarue, B. Lemaire-Semail, J. P. Hautier.

14h00-15h20: TP2: Applications of electric traction

Chairman: John Economou (Cranfield University, Shrivenham, United Kingdom)

- TP2-1: “*Implementation of Variable-Delay Random PWM for Automotive Applications*”, S. E. Schulz D. L. Kowalewski.
- TP2-2: “*Improvement of converter switching: snubber integrated to the busbar*”, Duchesne Stéphane, Daniel Roger, Jean-François Brudny, Frédéric Russo.
- TP2-3: “*Optimizing energy consumption of an air supplied system : Application to a PEM fuelcell*”, Jérôme Bernard, Yoan Lenoir, Sébastien Delprat, Thierry Marie Guerra, Jean-Jacques Santin, Gino Paganelli.
- TP2-4: “*Modern tendencies in solving of warehousing & parking systems for cars*” de Vikenti”, Vikenti Spassov, Krasimir Krastanov.

15h20-15h30: Pause

15h30-16h50: TP3: Vehicle control and supervision (Invited Session GRAISyHM projects AVIVA and SUSYH)

Chairman: Sébastien Delprat (LAMIH University of Valenciennes, France)

- TP3-1: “*Design of a safe distance control system*”, Conrard B., Cocquempot V., Bayart M.
- TP3-2: “*Robust fuzzy control with pole placement in LMI region: Application to an automated vehicle*”, Pierre-Frédéric Toulotte, Sébastien Delprat, Thierry Marie Guerra, Jacques Boonaert.
- TP3-3: “*Design and evaluation of an advanced Cooperative Driving Assistance Tool*”, Pacaux-Lemoine M.P., Ordioni J., Popieul J.C., Debernard S., Millot P.
- TP3-4: “*Fault Tolerant Analysis for Multisensor Nonlinear Systems Application to an autonomous vehicle*”, Pierre-Emmanuel Dumont, Abdelwahab Aïtouche, Mireille Bayart.

15h30-16h50: **TP4: Fuel Cell (Invited Session)**

Chairman: Daniel Hissel (L2ES, UTBM, Belfort, France)

- TP4-1: “*Electricity Generation Starting From A Fuel Cell Hybridised With A Storage Device*”, R. Saisset, C. Turpin, S. Astier, J.M. Blaquiere.
- TP4-2: “*Energy optimization of an embedded fuel cell system using particular swarm*”, M. Tekin, D. Hissel, M.C. Péra, J.M. Kauffmann.
- TP4-3: “*Hybrid vehicle in railways applications: supercapacitive energy storage for diesel-electric locomotives*”, Ph. Barrade, B. Destraz, A. Rufer.
- TP4-4: “*Optimal Design for Fuel Cell and Supercapacitor Hybrid Electric Vehicle*”, Ying Wu, Hongwei Gao, Rahul Sharma.

16h50-17h20: Coffee break

17h20-18h40: **TP5: Hybrid powertrain**

Chairman: Peter Thelin (Royal Institute of Technology, Stockholm, Sweden)

- TP5-1: “*Critical Design Factors in the Development of a Hybrid Electric Advanced Locomotive Propulsion System*”, John Herbst, Matthew Caprio, Robert Thelen.
- TP5-2: “*Hybrid Dual Mode Traction System Design of Korean High-speed Train*”, Hong-Je Ryoo, Tae-Jin Kim, Yong-Joo Kim, Geun-Hie Rim, Soo-Yong Kim, Ho-Kyung Sung, Seong-Cheol Noh.
- TP5-3: “*A Fuelcell Switcher Locomotive with an Hybridised Propulsion System*”, Pasquale Mugnetti, Salvatore Carbone, Giovanni Pede.
- TP5-4: “*Hybrid Electric Refuse Vehicle*”, Codrin-Gruie Cantemir, David Mikesell, Nicholas Dembski, Jingchuan Li, Giorgio Rizzoni.

17h20-18h40: Meeting IEEE VTS VPP committee

20h00-late: Gala diner

Friday October 8

9h00-10h20: **FA1: Vehicle design**

Chairman: Ali Emadi (Illinois Institute of Technology, Chicago, USA)

- FA1-1: “*Hybrid powertrain sizing and potential consumption gains*”, M. Desbois-Renaudin, R. Trigui, J. Scordia.
- FA1-2: “*The highly efficient PAC-Car fuel cell vehicle designed for fuel-economy challenges*”, Jean-Jacques Santin, Guillaume Ducard, Gino Paganelli.
- FA1-3: “*Energy Analysis of Hybrid Vehicles Powertrains*”, Theo Hofman, Roëll van Druten.
- FA1-4: “*System Match and Control Strategy of Parallel Hybrid Electric Bus*”, Sun Liqing, Chen Jie, Shi Peiji., Li Yufang.

9h00-10h20: **FA2: Ultracapacitors**

Chairman: Juan W. Dixon (Pontificia Universidad Catolica de Chile, Santiago, Chile)

- FA2-1: “*Short Interval Supercapacitor Switching Network For Electric Vehicles: A Parametric Approach*”, L.C. Rosario, J.T. Economou, P.C.K Luk.
- FA2-2: “*Dynamic Testing and Electrical/Thermal Model Validation of Supercapacitors for Hybrid Electric Vehicle Powertrains*”, Do Kevin, Rizzoni G., Guezennec Y.
- FA2-3: “*Vehicle Electrical System Power Budget Optimization using Ultra-capacitor Distributed Modules*”, Miller John, M. Everett Michael.
- FA2-4: “*Report on Fire Event Originated by Ultracapacitors in an Experimental Electric Vehicle*”, Micah Ortúzar, Jorge Moreno, Juan W. Dixon.

10h20-10h50: Coffee break

10h50-12h10: **FA3: Hybrid vehicle I**

Chairman: Tatsuo Teratani (Toyota Motor Corporation, Japan)

- FA3-1: “*Overview of the EV Research in China*”, Sun Liqing, Ji Wen, Chen Jie, Zhou Heliang.
- FA3-2: “*New Shape Capacitors for Inverter Applications: Mild Hybrid Vehicle (MHV) – Toyota “Crown”*”, Youichi Shida, Mitsuo Kanda, Kanji Ohta, Shigeki Furuta Jun Ishii.
- FA3-3: “*5kW Permanent Magnet Integrated Starter/Alternator for Automobiles*”, Ranjit Jayabalan, Ali Emadi.
- FA3-4: “*Simulation-based study on regenerative braking for a hydro-pneumatic electric hybrid vehicle*”, Ulises Diego-Ayala, Keith Pullen, Sejul Shah, Ricardo Chicurel, German Carmona, Alejandro Gonzalez.

10h50-12h10: **FA4: Estimation and control for VPP II**

Chairman: Jacques Fantini (LVR, Université d’Orléans, France)

- FA4-1: “*Estimation and prediction of vehicle mass: A stochastic optimization approach*”, Fantini J., Taffin C., Kratz F.
- FA4-2: “*Pressure and air-fuel ratio control of PEM fuel cell systems for automotive traction*”, Bansal Diwakar, Rajagopalan Sai, Choi Ta-Young, Yurkovich Steve, Guezennec Yann.
- FA4-3: “*A Two-Layered Load-Frequency Controller*”, Masiala Mavungu, Ghribi Mohsen, Kaddouri Azzedine.
- FA4-4: “*Hinf Control for Regenerative Braking of Electric Vehicle*”, Zhifeng Bai, Chuanwei Zhang, Binggang Cao, Longyun Kang, Liuchen Chang.

12h10-14h00: Lunch

14h00-15h20: **FP1: Hybrid vehicle II**

Chairman: Yann Guezennec (The Ohio State University, Columbus, USA)

- FP1-1: “*Measurements and calculations of inductances of a 4QT Hybrid Electric Vehicle prototype machine*”, Ping Zheng, Peter Thelin, Anyuan Chen, Erik Nordlund

- FP1-2: “*Analysis and Optimization of a Longitudinal Flux Linear generator for hybrid electric vehicle applications*”, Anyuan Chen, Waqas M. Arshad, Peter Thelin, Ping Zheng.
- FP1-3: “*FutureTruck Competition Hybrid Electric Vehicle Technologies*”, Bhuan Agrawal, Kavin Ammigan, Ali Emadi.
- FP1-4: “*Development of Toyota Mild Hybrid System (THS-M) with 42V PowerNet*”, Tatsuo Teratani, Hatsuo Nakao.

14h00-15h20: **FP2: Electrical engineering for traction systems (Invited Session)**

Chairman: Alain Bouscayrol (L2EP, USTL, Lille, France)

- FP2-1: “*The use of supercapacitors for energy storage in traction systems*”, Philippe Barrade, Alfred Rufer.
- FP2-2: “*The use of in-wheel motors in electrical vehicles*”, C. Espanet, A. Miraoui J.M. Kauffmann, R. Bernard.
- FP2-3: “*The use of batteries in hybrid vehicles*”, Francois Badin, O. Briat, S. Olivier, B. Jeanneret, R. Trigui, B. Malaquin.
- FP2-4: “*The use of Energetic Macroscopic Representation for control of traction systems: application to the subway VAL 206*”, J.N. Verhille, A. Bouscayrol, P.J. Barre, J.P. Hautier.

15h20-15h50: Coffee break

15h50-16h50: **FP3: Electric Machine**

Chairman: François Badin (INRETS LTE, Bron, France)

- FP3-1: “*Analysis of a PM Machine with Soft Magnetic Composites Core*”, Freddy Magnussen, Dmitry Svehkarenko, Peter Thelin, Chandur Sadarangani.
- FP3-2: “*Influence of a die cast copper rotor in the behaviour of induction machines such as starters and generators*”, Christophe Paris, Olivier Walti, Nils Casteras, Xavier Behnert.
- FP3-3: “*Efficiency Measuring System for Hybrid Electric Vehicle Energy Transducers*”, Sylvain Châtelet.

15h50-16h50: **FP4: Diagnosis and risk analysis**

Chairman: Vincent Cocquempot (LAGIS, Villeneuve d’Ascq, France)

- FP4-1: “*Application of the FMEA and FTA for Analyzing Dependability of Generator Phase Fault Protection System*”, Mohamed Karakache, Becharia Nadjji, A. Bourezg.
- FP4-2: “*FMECA applied to bus design and detecting critical points in the construction*”, Svetozar Sofijanic, Gradimir Ivanovic.
- FP4-3: “*Robust Fault Diagnosis in Electric Drives Using Machine Learning*”, ZhiHang Chen, Yi Lu Murphey, BaiFang Zhang, Hongbin Jia, M. Abul Masrur.

17h00-17h15: Closing session

Agrawal Bhuan FP1-3	Ala Guido WP2-3	Ammigan Kavin FP1-3	Ariaans Thomas H. P. TA2-2
Arshad W. M. FP1-2	Astier S. TP4-1	Aït-Amirat Y. TA3-3	Aïtouche Abdelwahab TP3-4
Badin Francois FP2-3	Bai Zhifeng FA4-4	Baloh M. WP3-1	Bansal Diwakar FA4-2
Barrade Philippe TP4-3 FP2-1	Barre P. J. FP2-4	Bayart Mireille TP3-4 TP3-1	Becharia Nadji FP4-1
Behnert Xavier FP3-2	Benbouzid M.E.H. TA3-4	Benbouzid Salim TP1-3	Bernard Jérôme TP2-3
Bernard R. FP2-2	Bianchi Nicola TA3-2	Biedinger Jean Marie WP2-2	Blaquiere J.M. TP4-1
Bolognani Silverio TA3-2	Boonaert Jacques TP3-2	Bos Patrick V. TA2-2	Bouquain David TA3-3
Bourezg Abdrabi FP4-1	Bouscayrol Alain TP1-4 FP2-4	Boussier Jean-Marie WP4-1	Breuil Dominique WP4-1
Briat O. FP2-3	Brudny Jean-François TP2-2	Cantemir Codrin-Gruie TP5-4	Cao Binggang FA4-4
Caprio Matthew TP5-1	Carbone Salvatore TP5-3	Carmona German FA3-4	Cassoret Bertrand WP5-3
Casteras Nils FP3-2	Ceraolo Massimo TA2-3	Chafouk Houcine WP3-2	Chami Mouhcine WP4-3
Chang Liuchen FA4-4	Chatelet Sylvain FP3-3	Chen Anyuan FP1-1 FP1-2	Chen Jie FA1-4 FA3-1
Chen Zhihang FP4-3	Chicurel Ricardo FA3-4	Choi Ta-Young FA4-2	Cocquempot V. TP3-1
Conrard B. TP3-1	Daniel Roger TP2-2	Dauphin-Tanguy Geneviève TP1-3	Debernard S. TP3-3
Delarue P. TP1-4	Delprat Sébastien TP3-2 TP2-3	Dembski Nicholas TP5-4	Desbois-Renaudin M. FA1-1
Destraz Blaize TP4-3	Diallo D. TA3-4	Diego-Ayala Ulises FA3-4	Dixon Juan W. FA2-4 TA2-1 WP3-3 WP5-2
Djerdir Abdesslem WP4-3	Do Kevin FA2-2	Ducard Guillaume FA1-2	Duchesne Stéphane TP2-2
Duclaud François TA2-2	Dumont Pierre-Emmanuel TP3-4	Economou J.T. FA2-1	Ehsani M. TA3-1
Elferich Reinhold WP5-1	Emadi Ali FP1-3 FA3-3	Eriksson Sture WP4-2	Espanet C. FP2-2
Estraillier Pascal WP4-1	Everett Michael FA2-3	Fantini Jacques FA4-1	Floquet T. TP1-2
Forgez Christophe TA2-4 WP2-2	Friedrich Guy TA2-4	Furuta Shigeki FA3-2	Gao Hongwei TP4-4
Gao Y. TA3-1	Ghribi Mohsen FA4-3	Gonzalez Alejandro FA3-4	Grondin Olivier WP3-2
Guerra Thierry-Marie TP3-2 WP3-1 TP1-1 TP2-3	Guezennec Yann FA4-2 FA2-2	Guillemard Franck TP1-3	Hautier J. P. TP1-4 FP2-4
Herbst John TP5-1	Hissel Daniel TP4-2	Hofman Theo FA1-3	Ibáñez-Via Javier TA2-1
Ion-Boussier Luminita TA2-2	Ishii Jun FA3-2	Ivanovic Gradimir FP4-2	Jayabalan Ranjit FA3-3
Jeanneret B. FP2-3	Ji Wen FA3-1	Jia Hongbin FP4-3	Kaddouri Azzedine FA4-3
Kadri K. El TA3-3	Kanda Mitsuo FA3-2	Kang Longyun FA4-4	Karakache Mohamed FP4-1
Kauffmann J.M. TP4-2 TA3-3 FP2-2	Kim Soo-Yong TP5-2	Kim Tae-Jin TP5-2	Kim Yong-Joo TP5-2
Konieczka A. WP2-2	Kowalewski Daniel TP2-1	Krastanov Krasimir TP2-4	Kratz F. FA4-1
Kuhn Emmanuel TA2-4	Lacressonniere Fabien WP5-3	Lauber Jimmy TP1-1	Lemaire-Semail B. TP1-4
Lenoir Yoann TP2-3	Leroy N. TP1-2	Li Jingchuan TP5-4	Li Min TA2-5
Li Yufang FA1-4	Lopez Toni WP5-1	Luk P.C.k FA2-1	Ly Pascal WP2-2

Magnussen Freddy FP3-1	Malaquin B. FP2-3	Maquet Jean WP3-2	Masiala Mavungu FA4-3
Masrur Abul FP4-3	Mikesell David R. TP5-4	Miller John M. FA2-3	Millot P. TP3-3
Miraoui Abdeltif WP4-3 FP2-2	Misze André TA2-2	Miulli Carmine TA2-3	Moreno Jorge FA2-4 WP3-3
Morán Luis A. WP5-2	Mudannayake Chathura WP2-1	Mugnetti Pasquale TP5-3	Murphey Yi Lu FP4-3
Nakao Hatsuo FP1-4	Noh Seong-Cheol TP5-2	Nordlund Erik WP4-2 FP1-1	Nouillant Cedric TP1-3
Ohta Kanji FA3-2	Olivier S. FP2-3	Ordioni J. TP3-3	Ortøzar Micah WP3-3 WP5-2
Ortúzar Micah FA2-4	Pacaux-Lemoine M.P. TP3-3	Paganelli Gino FA1-2 TP2-3	Parent M. WP3-1
Paris Christophe FP3-2	Pede Giovanni TP5-3	Perruquetti Wilfrid TP1-2 TP1-1	Piazza Maria Carmela Di WP2-3
Plasse Cédric WP2-2	Popieul J.C. TP3-3	Pullen Keith FA3-4	Péra M.C. TP4-2
Rahman M. F. WP2-1	Rajagopalan Sai FA4-2	Rim Geun-Hie TP5-2	Rizzoni Giorgio TP5-4 FA2-2
Rosario L.C. FA2-1	Rufer Alfred TP4-3 FP2-1	Russo Frédéric TP2-2	Ryoo Hong-Je TP5-2
Saadi Janah WP4-3	Sadarangani Chandur WP4-2 FP3-1	Saisset R. TP4-1	Santin Jean-Jacques FA1-2 TP2-3
Schulz Steven TP2-1	Scordia Julien FA1-1	Shah Sejul FA3-4	Sharma Rahul TP4-4
Shi Peiji TA2-5 FA1-4	Shida Youichi FA3-2	Sofijanic Svetozar FP4-2	Spasov Vikenti TP2-4
Stobart Richard WP3-2	Sun Liqing TA2-5 FA1-4 FA3-1	Sung Ho-Kyung TP5-2	Svechkarenko Dmitry FP3-1
Taffin C. FA4-1	Tekin M. TP4-2	Teratani Tatsuo FP1-4	Thelen Robert TP5-1
Thelin Peter WP4-2 FP1-1 FP3-1 FP1-2	Tiné Giovanni WP2-3	Tirmant H. WP3-1	Tolle Tobias WP5-1
Toulotte Pierre-Frédéric TP3-2	Trigui R. FA1-1 FP2-3	Turpin Christophe TP4-1	Valerio-Conte Fiorentino TA2-3
Van-Druten Roëll FA1-3	Verhille J. N. FP2-4	Vermeiren Laurent WP3-1	Vilain Jean Paul WP2-2
Viola Fabio WP2-3	Vitale Gianpaolo WP2-3	Walti Olivier FP3-2	Wu Ying TP4-4
Yurkovich Steve FA4-2	Zeraoulia M. TA3-4	Zhang Baifang FP4-3	Zhang Chuanwei FA4-4
Zheng Ping WP4-2 FP1-1 FP1-2	Zhou Heliang FA3-1	Zigliotto Mauro TA3-2	