

<p>11:00</p> <p>12:30</p>	<p>A1 Development Status 1</p> <p>The Status of SOFC Programs in USA 2010 Wayne Surdoval U.S. DOE National Energy Technology Laboratory, Pittsburgh / USA</p> <p>Development of SOFC stack and CHP system at NGK Spark Plug Co., Ltd. Toshihiro Matsuno, Hiroya Ishikawa, and Keizo Furusaki NGK Spark Plug Co., Ltd., Komaki city, Aichi / Japan</p> <p>Commercialisation of CFCL's Residential Power Station – BlueGen Karl Föger Ceramic Fuel Cells Ltd, Noble Park, VIC / Australia</p> <p>Development of kW-class anode-supported planar SOFC stacks at RIST Soon Cheol Hwang, Seung Goo Kim, Do Hyeong Kim and Joong Hwan Jun RIST, Pohang City / Korea</p> <p>Recent Developments in SOFC Research at Forschungszentrum Jülich Robert Steinberger-Wilckens, Hans-Peter Buchkremer, Norbert H. Menzler, Jürgen Malzbender, Ludger Blum, L.G.J. (Bert) de Haart, Michael Pap Forschungszentrum Jülich GmbH, Jülich / Germany</p> <p>Test of the integrated SOFC micro-CHP boiler developed by De Dietrich Thermique and Ceramic Fuel Cells Ltd. Stéphane Hody GDF SUEZ, CRIGEN, Saint-Denis la Plaine / France</p>	<p>B1 Anodes</p> <p>Heterogeneous chemistry and electrochemistry of carbon monoxide at a Ni/YSZ anode Vitaliy Yurkiv, Hans-Robert Volpp, Wolfgang G. Bessler Heidelberg University, Heidelberg / Germany</p> <p>Direct Processing of Multimetallic Cermet for SOFC Applications Thomaz Augusto Guisard Restivo, Sonia R. H. Mello-Castanho Nuclear and Energetic Research Institute – IPEN, São Paulo / Brazil</p> <p>Internal Reforming Chemistry in Novel SOFC Anodes and Architectures Amy Richards, Neal Sullivan, Robert Kee, and Huayang Zhu Colorado School of Mines, Golden, CO / USA</p> <p>Evaluation of SLT-based electrodes for SOFC applications Jesús Canales-Vázquez, María Gálvez-Sánchez, Juan Carlos Ruiz-Morales Universidad de Castilla-La Mancha, Albacete / Spain</p> <p>Studying the CO/CO₂ characteristics of SOFC anodes by means of Ni patterned anodes Annika Utz, André Leonide, André Weber and Ellen Ivers-Tiffée KIT, IWE, Karlsruhe / Germany</p> <p>SOFCs based on Y-substituted SrTiO₃ ceramic anode materials Qianli Ma, Frank Tietz, André Leonide, Ellen Ivers-Tiffée FZ Jülich, IEF-1, Jülich / Germany</p>
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<p>13:30</p> <p>15:00</p>	<p>A2 Innovative Designs and Applications</p> <p>Efficiency Gain of SOFC Systems by Using Anode Offgas Recycle – Results for a Small Scale Propane Driven Unit Ralph-Uwe Dietrich (1), Jana Oelze (1), Andreas Lindermeir (1), Christian Spitta (2), Michael Steffen (2), Torben Küster (3), Shaofei Chen (4), Christian Schlitzberger (4), Reinhard Leithner (4) 1) CUTEC-Institut GmbH, Clausthal-Zellerfeld / Germany 2) Zentrum für Brennstoffzellen Technik GmbH, Dresden / Germany 3) Technische Universität Clausthal-Zellerfeld / Germany 4) Technische Universität Braunschweig / Germany</p> <p>Development of robust SOFC microCHP systems Marc Heddrich (1), Matthias Jahn (1), Michael Stelter (1), Jochen Paulus (2) (1) Fraunhofer IKTS Dresden / Germany (2) Vaillant GmbH, Remscheid / Germany</p> <p>Seal-Less Planar SOFC Module with Quick-Start Capability for Small-Scale Applications Ulf Bossel Almus AG, Mägenwil / Switzerland</p> <p>Cone-Shaped Anode-Supported Segmented-in-Series Solid Oxide Fuel Cell Stack Jiang Liu, Yaohui Bai, Yan Liu and Jiao Ding South China University of Technology, Guangzhou / China</p> <p>Catalysis and oxidation of carbon in a hybrid direct carbon fuel cell Cairong Jiang, John TS Irvine University of St Andrews, St Andrews / United Kingdom</p> <p>Direct and Reversible Solid Oxide Fuel Cells Nguyen Minh Fountain Valley, CA / USA</p>	<p>B2 Cathodes</p> <p>Stability of LSCF Cathode Depending on the GDC Interlayer Deposition Methods Jin Soo Ahn, Byeong Geun Seong, Young Min Park and Hongyeol Bae, Research Institute of Industrial Science and Technology, Pohang City, Gyeongbuk / Korea</p> <p>SOFC Composite Cathodes Based on Perovskite and Fluorite Structures Vladislav Sadykov, Natalia Mezentseva, Vladimir Usoltsev, Alevtina Smirnova Novosibirsk State University, Novosibirsk / Russia</p> <p>$\text{LaCo}_{0.4}\text{Ni}_{0.6}\text{O}_{3-\delta}/\text{Ce}_{0.8}\text{Gd}_{0.2}\text{O}_{1.95}$ as composite cathode for SOFCs Per Hjalmarsson, Mogens Mogensen Risø DTU, Roskilde / Denmark</p> <p>Performance analysis of MIEC cathodes in anode supported cells Cornelia Endler, André Leonide, André Weber, Sven Uhlenbruck, Frank Tietz and Ellen Ivers-Tiffée KIT, IWE, Karlsruhe / Germany</p> <p>Study of the surface structure of Sr doped La_2NiO_4 single crystals Mónica Burriel, Stuart Wilkins, John Hill, Mary Ryan, Stephen J. Skinner, John A. Kilner Imperial College London, London / United Kingdom</p> <p>Evaluation of the perovskite $(\text{La}_{0.8}\text{Sr}_{0.2})_{0.95}\text{Fe}_{0.8}\text{Ni}_{0.2}\text{O}_{3-\square}$ as SOFC cathode Peter Holtappels, Sophie B.C. Duval, Jan Pieter Ouweltjes, Bert Rietveld EMPA, Duebendorf / Switzerland, Risø-DTU, Roskilde / Denmark</p>
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Wednesday, 30 June 2010 - Afternoon

<p>15:30</p>	<p>A3 Fuels and Reforming</p> <p>A Techno-Economic Comparison of Fuel Processors Utilizing Diesel for SOFC APUs Pedro Nehter, John Bøgild Hansen, Peter Koch Larsen Topsoe Fuel Cell A/S, Lyngby / Denmark</p> <p>Control strategy of the startup of a propane SOFC system with integrated fuel reformation using recycled anode off-gas Shaofei Chen, Christian Schlitzberger, Reinhard Leithner Technische Universität Braunschweig, Braunschweig / Germany</p> <p>The Influence of Varying Butane Content in LPG on Synthesis Gas Generator Operation Johannes Eichstädt, Andreas Gubner Enerday GmbH, Neubrandenburg / Germany</p> <p>Ammonia as SOFC fuel - Assessment from coal or biomass to power and heat John Bøgild Hansen (1), Jørgen Madsen (1), Jens Ulrik Nielsen (2), Niels Christiansen (2) (1) Haldor Topsøe A/S, Lyngby / Denmark (2) Topsoe Fuel Cell, Lyngby / Denmark</p> <p>Impact of naphthalene on the performance of SOFCs during operation with synthetic wood gas Martin Hauth, Werner Lerch, Jürgen Karl Graz University of Technology, Graz / Austria</p> <p>Performance of internal reforming SOFC running on biogas Yusuke Shiratori, Takeo Ijichi, Toshihiro Oshima, Kazunari Sasaki Kyushu University, Fukuoka / Japan</p>	<p>B3 Electrolytes</p> <p>Excellent electrochemical performance with thin YSZ electrolyte for IT-SOFCs Feng Han, André Leonide, Tim van Gestel and Hans Peter Buchkremer FZ Jülich GmbH, IEF-1, Jülich / Germany</p> <p>Post-treatment of Plasma-Sprayed Zirconia Based Electrolytes Claudia Christenn, Asif Ansar DLR, Stuttgart / Germany</p> <p>Fuel cell elaboration based on BIT07 as electrolyte Marika Letilly, Annie Le Gal La Salle, Olivier Joubert Institut des Matériaux Jean Rouxel (IMN), Nantes / France</p> <p>Study on the SOFC with self-supported YSZ membrane fabricated by buffer pressing method Zhe Lü, Jipeng Miao, Keyan Liu, Bo Wei Harbin Institute of Technology, Harbin / China</p> <p>Comparative study of mechanical properties of YSZ, GDC and LSGM electrolytes Joan Josep Roa(1), M Morales(1), X G Capdevila(1), J Tartaj(2), M Segarra(1) (1) University of Barcelona, Barcelona / Spain (2) CSIC, Madrid / Spain</p> <p>Characterisation of Nano-Grain Sized Ytria-Stabilised Zirconia Electrolyte in SOFC Application Min Nah Tong, Christopher Munnings, Hiran Taherparvar, Jon Binner Loughborough University, Loughborough / United Kingdom</p>
<p>17:00</p>		

Wednesday, 30 June 2010 - Afternoon

17:00	P1 Poster Session I	
18:00		

18:30 Swiss Surprise

Thursday, 1 July 2010 - Morning

09:00	<p>F2 Facts and Figures II</p> <p>Ni-Based Solid Oxide Cell Electrodes Mogens Mogensen, RISØ, Roskilde / Denmark</p> <p>Strategies for Perspective Cathode Materials for IT-SOFC Janina Molenda, AGH, Krakow / Poland</p> <p>Materials for Next Generation SOFCs John Kilner and Steven Skinner, Imperial College, London / United Kingdom</p> <p>Alternative Materials for SOFCs – Opportunities and Limitations John Irvine, St. Andrews University, St. Andrews / United Kingdom</p>	<p>International Board of Advisors of the European Fuel Cell Forum</p> <p>Dr. Pascal Favre (SI Lausanne / Switzerland) Dr. Karl Föger (CFCL / Australia) Prof. Ludwig Gauckler (ETH Zürich / Switzerland) Dr. Günter Schiller (DLR Stuttgart / Germany) Dr. Christopher Hebling (FH-ISE Freiburg / Germany)</p> <p>Prof. Ellen Ivers-Tiffée (University of Karlsruhe / Germany) Prof. Kevin Kendall (University of Birmingham / United Kingdom) Prof. John A. Kilner (Imperial College London / United Kingdom) Dr. Augustin McEvoy (EPFL / Switzerland) Dr. Mogens Mogensen (RISØ / Denmark) Dr. Finn Willy Poulsen (RISØ / Denmark) Prof. Nigel Sammes (University of Connecticut / USA) Dr. Gerd Sandstede (Consultant / Germany) Prof. Kazunari Sasaki (Kyushu University / Japan) Dr. Günther Scherer (PSI / Switzerland) Dr. Subhash Singhal (Pacific Northwest National Laboratory / USA) Prof. Lars A. Sjunnesson (Sydkraft AB / Sweden) Dr. Philippe Stevens (Electricité de France / France) Prof. Detlef Stolten (FZ Jülich / Germany) Prof. Constantinos Vayenas (University of Patras / Greece) Dr. Mark C. Williams (US Department of Energy / USA) Prof. Wolfgang Winkler (FH Hamburg / Germany)</p>
10:30		

Thursday, 1 July 2010 - Morning

11:00	A4 Developerment Status II	B4 Interconnects
	<p>Exploring the market opportunity for SOFC micro-CHP David Morgado Delta Energy and Environment, Edinburgh / United Kingdom</p>	<p>Crofer 22 H – a New High Strength Ferritic Steel for Interconnectors in SOFCs Heike Hattendorf, Leszek Niewolak, Bernd Kuhn, Willem J. Quadackers ThyssenKrupp VDM GmbH, Altena / Germany</p>
	<p>SOFC Systems for stationary and mobile applications – Challenges of system development and industrialization Matthias Boltze Enerday GmbH, Neubrandenburg / Germany</p>	<p>Experimental Study of Mechanical Load Effects on Contact Resistance between Interconnectors and Electrodes in SOFC or HTE Stacks Bertrand Morel, Magali Reytier and Bruno Oresic CEA Grenoble, Grenoble / France</p>
	<p>Status report of SOFC stack and system development and pilot manufacturing at SOFCpower Srl Massimo Bertoldi, Olivier Bucheli, Diego Larrain, Alberto Ravagni SOFCpower Srl / HTceramix SA, Ciré di Pergine / Italy</p>	<p>CroFer22APU as a SOFC interconnector material Qingping Fang, Mario Heinrich and Christian Wunderlich Staxera GmbH, Dresden / Germany</p>
	<p>Solid Oxide Fuel Cell Development at Versa Power Systems Brian Borglum, Eric Tang, Michael Pastula Versa Power Systems, Ltd., Calgary, AB / Canada</p>	<p>Recent Developments in Net-Shape Interconnector Fabrication Marco Brandner, Andreas Venskutonis, Wolfgang Kraussler, Lorenz S. Sigl Plansee SE Innovation Services, Reutte / Austria</p>
	<p>Status of Development and Manufacture of Solid Oxide Fuel Cells at Topsoe Fuel Cell A/S and Risø-DTU N. Christiansen (1), J. B. Hansen(1), H. Holm-Larsen(1), M. J. Jørgensen(1), M. Wandel (2), P. V. Henriksen (2), A. Hagen (2), S. Ramousse (2) (1) Topsoe Fuel Cell A/S, Lyngby / Denmark (2) Risø National Laboratory for Sustainable Energy, TUD, Roskilde, Denmark</p>	<p>Suppression of Cr evaporation from FeCr steels by submicron coatings - Quantification by a high efficiency denuder technique Jan Froitzheim, Hamed Ravash, Lars Gunnar Johansson and Jan Erik Svensson Chalmers University of Technology, Göteborg / Sweden</p>
12:30	<p>WFC20 biogas unit operation Matti Noponen, Tero Hottinen Wärtsilä Finland Oy, ESPOO / Finland</p>	<p>Development of A New Ferritic Alloy for SOFC Interconnects with Excellent Oxidation Resistance and Reduced Cr-evaporation Nobutaka Yasuda, Toshihiro Uehara, Masayuki Okamoto, Kazuhiro Yamamura Hitachi Metals, Ltd., Shimane / Japan</p>

15:30	<p>A6 Modeling</p>	<p>B6 Solid Oxide Electrolyzer Cells (SOEC)</p>
	<p>Performance Simulation of C/V-characteristics for ASC by means of detailed impedance analysis André Leonide, Ellen Ivers-Tiffée KIT, IWE, Karlsruhe / Germany</p>	<p>INL Testing of the NASA Bi-Electrode Supported Solid Oxide Cell as an Electrolyzer Carl Stoots, Thomas Cable, James O'Brien Idaho National Laboratory, Idaho Falls, Idaho / USA</p>
	<p>Anomalous heat transparency of a planar SOFC stack Andrei Kulikovskiy FZ Juelich, Juelich / Germany</p>	<p>Study of the electrochemical performance of electrodes under high-temperature co-electrolysis of steam and carbon dioxide in solid oxide electrolysis cells using three electrode method Pattaraporn Kim-Lohsoontorn (1)(2), Dukjoo Yoon (3), Joongmyeon Bae (2) (1) KAIST, Daejeon / Korea, (2) Mahidol University, Nakorn Pathom / Thailand, (3) KEPRI, Daejeon / Korea</p>
	<p>Mathematical Modelling and Experimental Validation for the Proof of Concept of IDEAL cell T. Ou (1), F. Delloro (1), C. Nicoletta (1), W. G. Bessler (2), N. Bundschuh (3), A. S. Thorel (4) (1) Università di Pisa, Pisa / Italy (2) DLR, Stuttgart / Germany (3) VISIMBEL, Stuttgart / Germany (4) Mines-ParisTech, Evry / France</p>	<p>Development and properties of a novel cathode material for solid oxide electrolysis cells (SOEC) Jason Fish (1), Nigel Sammes (1), Mogens Mogensen (2) (1) Colorado School of Mines, Golden, CO / United States (2) Risoe DTU, Roskilde / Denmark</p>
	<p>Experimental Studies and Modeling Activities on Pressurized SOFC in the Hybrid Power Plant Project Josef Kallo (1), Stephanie Seidler (1), Moritz Henke (1), Uwe Maier (2) 1) DLR, Stuttgart / Germany 2) ElringKlinger AG, Dettingen/Erms / Germany</p>	<p>Analysis of the parameters controlling high temperature steam electrolysis efficiency and durability Florence Lefebvre-Joud, Marie Petitjean, Jan Peter Ouweltjes, Annabelle Brisse, Jacob R. Bowen, Jens Ulrik Nielsen CEA, LITEN, Grenoble / France</p>
	<p>Computational Fluid-Dynamics Modeling of H₂-fed Solid Oxide Fuel Cells María García-Camprubí, Norberto Fueyo University of Zaragoza / Zaragoza / Spain</p>	<p>Long Term Operation of Solid Oxide Fuel Cell Stacks in High Temperature Water Electrolysis Annabelle Brisse, Josef Schefold, Mohsine Zahid, Jens Ulrik Nielsen, Pernille Noyé European Institute for Energy Research (EIFER), Karlsruhe / Germany</p>
	<p>Assessment of the Reactor Network Approach for Integrated Modelling of a SOFC System G. Vourliotakis, G. Skevis, M.A. Founti National Technical University of Athens, Athens / Greece</p>	<p>Gas Transport and Charge-Transfer Chemistry in High-Temperature Solid-Oxide Electrolysis Cells Connor Moyer, Neal P. Sullivan, Robert J. Kee, Huayang Zhu Colorado School of Mines, Golden, CO / USA</p>
17:00		

Thursday, 1 July 2010 - Afternoon

17:00 18:30	P2 Poster Session II	
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19:30 Dinner on the Lake

Friday, 2 July 2010 - Morning

09:00	F3 Facts and Figures III Mechanical Properties of SOFC Components Jan Van herle, EPFL, Lausanne / Switzerland Interconnect Issues, Problems and Solutions Mohsine Zahid, EIFER, Karlsruhe / Germany Critical Issues of Metal-Supported Cells Yngve Larring, Sintef, Oslo / Norway Challenges Imposed by Thermochemical Expansion Jorge Frade, University of Aveiro, Aveiro / Portugal	The event is endorsed by FUEL CELLS 2000 Washington, DC / USA International Hydrogen Energy Association Coral Gables, FL / USA VDI Verein Deutscher Ingenieure Düsseldorf / Germany SIA (Berufsgruppe Technik und Industrie) Zürich / Switzerland Swiss Academy of Engineering Sciences Zürich / Switzerland Eurosolar e.V. Bonn / Germany Swiss Gas and Water Industry Association CH-8603 Schwerzenbach / Switzerland ALPHEA Forbach / France
10:30		

Friday, 2 July 2010 - Morning

<p>11:00</p> <p>12:30</p>	<p>A7 Development Status III</p> <p>Galileo 1000 N – Status of Development and Operation Experiences Alexander Schuler, Volker Nerlich, Thomas Doerk, Andreas Mai Hexis AG, Winterthur / Switzerland</p> <p>Commercialization and Enhancement of SOFC Products Andreas Glauche, Thomas Betz Kerafol GmbH, Eschenbach i. d. OPf. / Germany</p> <p>Status of system integration and robustness of Staxera ISM products Christian Wunderlich, Björn Erik Mai, Jeremy Lawrence Staxera GmbH, Dresden / Germany</p> <p>Operational Results of a 3 kW Research and Demonstration System Oliver Posdziech (1), Michael Pruggmayer (1), Björn-Erik Mai (2), Jeremy Lawrence (2) (1) Staxera GmbH, Dresden/ Germany (2) EBZ GmbH Fuel Cells & Process Technology, Dresden/ Germany</p> <p>Recent Progress in SOFC Technology at NIMTE Wei Guo Wang, Wanbing Guan, Huamin Li, Jianxin Wang Ningbo Institute of Material Technology and Engineering, Ningbo / China</p> <p>U.S. Department of Energy Activities in Supporting Fuel Cell Technologies for CHP and APU Applications Dimitrios C. Papageorgopoulos (1), Stephanie Byham (2) (1) U.S. Department of Energy, Washington, DC / USA (2) SENTECH, Inc., Bethesda, MD / USA</p>	<p>B7 Analysis and Methods</p> <p>Application of In-Situ Diagnostic Methods for the Study of SOFC Operational Behavior Günter Schiller, Wolfgang Bessler, Caroline Willich, K. Andreas Friedrich DLR, Stuttgart / Germany</p> <p>Design of solid oxide fuel cell electrodes Qiong Cai, Paul R. Shearing, Claire S. Adjiman and Nigel P. Brandon Imperial College London, London / United Kingdom</p> <p>In-situ, Real Time Gas Composition Measurements for SOFC's using Laser Spectroscopy Michael Lengden, Walter Johnstone and Robert Cunningham University of Strathclyde, Glasgow / United Kingdom</p> <p>Segmented cell testing for cathode parameter investigation Pietro Tanasini, Andreas Schuler, Christos Comninellis, Jan van Herle EPFL, Lausanne / Switzerland</p> <p>Coupled experimentation and simulation approach to understand high temperature steam electrolysis controlling parameters Marie Petitjean, Christian Perret, Jérôme Laurencin, Florence Lefebvre-Joud CEA, LITEN, Grenoble / France</p> <p>The microstructure of porous SOFC electrodes: new methodologies for reliable quantification and link with performance Lorenz Holzer Empa, Duebendorf / Switzerland</p>
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Friday, 2 July 2010 - Afternoon

<p>13:30</p> <p>15:00</p>	<p>A8 Degradation and Integrity</p> <p>General considerations on Degradation of SOFC Anodes and Cathodes Due to Impurities in Gases Harumi Yokokawa, Teruhisa Horita, Katsuhiko Yamaji and Haruo Kishimoto AIST, Tsukuba, Ibaraki / Japan, Tokyo City University, Tokyo, / Japan</p> <p>In-situ studies of the long term degradation of the IT-SOFC cathode materials $\text{La}_{0.58}\text{Sr}_{0.4}\text{Co}_{0.2}\text{Fe}_{0.8}\text{O}_{3.5}$ (LSCF) and $\text{Nd}_2\text{NiO}_{4+\delta}$ (NDN) Edith Bucher, Andreas Egger, Frederik Klauser and Werner Sitte University of Leoben, Leoben / Austria</p> <p>The Effect of Current Density on H_2S-Poisoning of Nickel-Based SOFC Anodes Edward Brightman, Doug Ivey, Dan Brett, Nigel Brandon Imperial College London, London / UK</p> <p>Crack Severity in Relation to Non-Isotropic Ni Oxidation in Anode-Supported SOFCs Viola Birss, Jason L. Young, Viola I. Birss University of Calgary, Calgary, AB / Canada</p> <p>Chemical Durability of SOFCs: Influence of Impurities on Long-term Performance Kazunari Sasaki, Kengo Haga, Daisuke Minematsu, Tomoo Yoshizumi, RunRu Liu, Yusuke Shiratori, Kohei Ito, Michihisa Koyama and Katsumi Yokomoto Kyushu University, Fukuoka / Japan</p> <p>Degradation of Ni-Cermet Anodes in Solid Oxide Fuel Cells Boris Iwanschitz, Andreas Mai, Thomas Hocker, Lorenz Holzer, Michael Schütze Hexis AG, Winterthur / Switzerland</p>	<p>B8 Metal Supported SOFC</p> <p>Manufacturing and Characterization of Metal Supported SOFCs Peter Blennow, Johan Hjelm (1), Trine Klemensø (1), Severine Ramousse (1), Alexander Kromp (2), André Weber (2) 1) Risø DTU, DK 4000 Roskilde / Denmark 2) KIT, IWE, Karlsruhe / Germany</p> <p>Metal-Supported Cells for Mobile Applications Thomas Franco, Matthias Rüttinger, Robert Mücke, and Norbert Menzler PLANSEE SE, Reutte / Austria</p> <p>Metal Supported SOFC Asif Ansar, P. Szabo, Z. Ilhan, D. Soysal DLR, Stuttgart / Germany</p> <p>Electrochemical Performance and Thermal-cycling Ability of Thin Metal-Supported SOFC Hyoup Je Cho, Gyeong Man Choi Pohang University of Science and Technology (POSTECH), Pohang / Korea</p> <p>Influence of interconnects in long term stability of tubular metal supported SOFCs Lide M. Rodriguez Martinez, Mikel Rivas, Igor Villarreal, Ander Laresgoiti Ikerlan, Miñano Álava / Spain</p> <p>Dynamic Electrochemical Behaviour of Metal-Supported Plasma-Sprayed SOFC Patric Szabo, Thomas Franco, Asif Ansar, Malko Gindrat, Armin Zagst DLR, Stuttgart / Germany</p>
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Friday, 2 July 2010 - Afternoon

<p>15:30</p>	<p>A9 Microscale SOFC</p> <p>Parameters Affecting the Performance of Thin Film ($\leq 1 \mu\text{m}$) Electrolyte SOFC Ji-Won Son, Ho-Sung Noh, Jong-Ho Lee, Hae-Weon Lee KIST, Seoul / Korea</p> <p>Fabrication of Micro-SOFC supported on Ni-Fe alloy Younki Lee, Gyeong Man Choi Pohang University of Science and Technology (POSTECH), Pohang. / Korea</p> <p>Silicon integrated micro solid oxide fuel cell development Iñigo Garbayo (1), Albert Tarancón (1)(2), José Santiso (3), Neus Sabaté (1) (1) Institute of Microelectronics of Barcelona, Cerdanyola del Vallès / Spain (2) Catalonia Institute for Energy Research (IREC) (3) Research Centre of Nanoscience and Nanotechnology (CIN2, CSIC)</p> <p>Micro-SOFC Membranes with AAO as the Electrode Template Chang-Woo Kwon (1)(2), Ji-Won Son (1), Ki-Bum Kim (2), Hae-Weon Lee (1), (1) KIST, Seoul / Korea (2) Seoul National University, Seoul / Korea</p> <p>The Effect of Etching During Microfabrication on the Microstructure and the Electrical Conductivity of CGO and YSZ Thin Films Anja Bieberle-Hütter, Jennifer L.M. Rupp, Ludwig J. Gauckler ETH Zurich, Zurich / Switzerland</p> <p>High Temperature Mechanical Behavior Studies of Anode-supported Micro-tubular SOFCs Brycen R. Roy, Nigel M. Sammes Colorado School of Mines, Golden, CO / USA</p>	<p>B9 Stack & System Related Topics</p> <p>Study on the coking mechanism and inhibition in SOFC system Qin Wang, Jing Shao, Wei Guo Wang Ningbo Institute of Material Technology & Engineering, Ningbo / China</p> <p>CFY-Stack development for long-term operation with high efficiency Mihails Kusnezoff (1), Stefan Megel (2), Klaus Rissbacher (1), Andreas Venskutonis (2), Marco Brandner (2) (1) Fraunhofer IKTS, Dresden / Germany (2) Plansee SE, Reutte / Austria</p> <p>SOFC Stack Design and Development at Ikerlan-Mondragon Group Jaio Manzanedo (1), Igor Villarreal (1) Jose M Chávarri (2), Javier Aranceta (3) (1) Ikerlan, S.Coop., Miñao / Spain (2) Fagor Electrodomeísticos, Arrasate / Spain (3) Mondragon Componentes, Aretxabaleta / Spain</p> <p>Integrated Stack Module with increased power Danilo Schimanke, Björn-Erik Mai, Thomas Strohbach Staxera GmbH, Dresden / Germany</p> <p>Thermodynamic Evaluation of a Small Scale SOFC CHP System Fuelled by Syngas from Biomass Gasification Ming Liu, PV Aravind, T Woudstra, V Cobas and AHM Verkooyen Delft University of Technology, Delft / The Netherlands</p> <p>Enhanced performance of LSCM based ceramic anode materials in IP-SOFC concept Samir Boulfrad, Mark Cassidy and John T.S. Irvine University of St Andrews, St Andrews / United Kingdom</p>
<p>17:00</p>	<p>Closing Session</p>	
<p>17:30</p>	<p>Christian Friedrich Schoenbein Award Ceremony Closing remarks</p>	