



11th EUROPEAN SOFC & SOE FORUM 2014

KKL Lucerne/Switzerland 1 - 4 July 2014

Corrigenda for Programme (Final Announcement Booklet)

Page	Session	New Session Chairs
p12	B03 SOFC & SOE electrodes I	Enrique Ruiz-Trejo, Werner Sitte
p13	A05 Company & Major groups development status I (EU)	Lars Martiny, Jürgen Rechberger
p19	A11 Manufacturing	Søren Primdahl, Mardit Matian
p22	A13 Diagnostic, characterisation & electrochemical modelling II	Andre Weber, Laurencin Jérôme (tbc)
p23	A14 Interconnect, sealing and coating	Maria Parco Camacaro, Paolo Piccardo

Page Oral Presentations Changes:

p17	A0802 Craig Adams, Robin Barabasz, Emma Dutton, Guangyong Lin, Aravind Mohanram, Yeshwanth Narendar, John Pietras, Chunming Qi, Zachary Patterson, Sophie Poizeau, Ayhan Sarikaya, and Morteza Zandi
p18	B0905 Stability studies of La- and Ca-doped SrTiO₃ as anode support for solid oxide fuel cells (prev. B0908) Lanying Lu, Chengsheng Ni, Mark Cassidy, John Irvine, School of Chemistry, University of St Andrews, St Andrews/UK
	B0906 Assessment of full ceramic solid oxide fuel cells based on modified strontium titanates (B0906) Peter Holtappels; Dep. of Energy Conversion & Storage, Technical University of Denmark, Roskilde/Denmark (prev. B0909)
p20	B1202 Microstructural and chemical characterization of chromium transport from in-terconnects in intermediate temperature solid oxide electrolysis (IT-SOE) (prev. B1210) Meike V. F. Schlupp (1), Ji Woo Kim(1), Aude Brevet (2), Cyril Rado (2), Karine Couturier (2), Ulrich Vogt (1,3), Florence Lefebvre-Joud (2), Andreas Züttel (1); (1) Laboratory for Hydrogen and Energy, Swiss Federal Laboratories for Material Science and Technology (EMPA), Dübendorf/Switzerland, (2) CEA, LITEN, Grenoble/France, (3) Faculty of Environment and Natural Resources, Albert-Ludwigs-Universität, Freiburg/Germany
p23	A1404 Development and Testing of Sealing Glasses for SOFCs based on CFY-Interconnects (prev. A1408) Axel Rost (1), Jochen Schilm (1), Jens Suffner (2), Mihails Kusnezoff (1), Alexander Michaelis (1); (1) Fraunhofer Institute for Ceramic Technologies and Systems, Dresden/Germany; (2) Schott AG – BU Electronic Packaging, Landshut/Germany

Page Poster Presentations Changes:

p26 ... Afternoon 13:15–15:00

p27	A0915 Short-stack testing of novel anode-supported SOFC – 2R-Cell Crina S. Ilea (1), Raphael Ihringer (2), Ivar Warnhus (1); (1) Prototech AS, Bergen/Norway, (2) Fiaxell, Lausanne/Switzerland
p29	A1124 Quantitative Evaluation of Sintering Process in NiO-YSZ Composite Powder Akihiro Ohi, Shotaro Hara, Zhenjun Jiao, Takaaki Shimura, Naoki Shikaono Institute of Industrial Science, The University of Tokyo, Meguro-ku, Tokyo/Japan
p30	A1208 Arnstein Norheim (1), Bjørg Andresen (1), Øystein Ulleberg (2), Ivar Wærnhus (3), Arild Vik (3)
p32	A1224 M.P. Heddrich (1), E. Reichelt (2), T. Albrecht (1), C. Greß (1), M. Jahn (1), R. Näge(1); (1) Fraunhofer Institute for Ceramic Technologies and Systems, IKTS Winterbergstraße 28; 01277 Dresden/Germany; (2) Technische Universität Dresden; 01062 Dresden
	A1225 A Validation system Performance Test for a Kilowatt Grade SOFC System Shih-Kun Lo (1), Cheng-Nan Huang (1), Hsueh-I Tan (1), Ching-Han Lin (1), Wen-Tang Hung (1), Ruey-Yi, Lee(1)*, Chun-Da Chen (2), Ying Tsou (2), Chun-Hsiu Wang (2), Hsun-Yu Lin (2); (1) Institute of Nuclear Energy Research, Longtan Township/Taiwan (R.O.C.), (2) China Steel Corporation, Siaogang District/Taiwan (R.O.C.)
	A1228 Operation of a Tubular Carbon-Fueled Fuel Cell with a Dry Carbon Gasifier Tak-Hyoung Lim, Jong-Won Lee, Seung-Bok Lee, Seok-Joo Park, Rak-Hyun Song Fuel Cell Laboratory, Korea Institute of Energy Research (KIER), Daejeon/Korea
p34	A1323 SOCTESQA - Solid Oxide Cell and Stack Testing, Safety and Quality Assurance C. Auer (1), M. Lang (1), K. Couturier (2), E.R. Nielsen (3), S.J. McPhail (4), G. Tsotridis (5), Q. Fu (6) (1) German Aerospace Center (DLR), Institute for Technical Thermodynamics, Stuttgart/Germany, (2) CEA, France, (3) DTU, Denmark, (4) ENEA, Italy, (5) JRC, Belgium, 6 EIFER, Germany
p37	A1412 Diffusion Coatings for Interconnect Materials in SOFCs Diana Fähsing, Xabier Montero, Mathias C. Galetz, Michael Schütze
p38	A1418 Barium aluminosilicate glass modified with B₂O₃ for sealing application Mavial Jose Silva (1), Signo Tadeu dos Reis (2), Sonia R. H. de Mello-Castanho (1) (1) Nuclear and Energy Research Institute, IPEN-CNEN/SP, Brazil, CEP-05508-000/Brazil, (2) Missouri University of Science and Technology- Rolla MO, USA, Rolla MO/USA
p38	A1419 Glass Ceramic Seal for Electrochemical Devices Matthieu Schwartz (a), Signo T. Reis (b) (a) Saint-Gobain Recherche, Aubervilliers/France, (b) Saint-Gobain Innovative Materials, Northborough/USA

- p38 A1508 STS-Supported SOFC with thin- or thick-film process**
- p27 B0315 Influence of ceria buffer layer on redox anode supported cell performance tested with LSC-based cathodes;** Pierre Coquoz^a, Raphaël Obrist^a, Issam El Bakkali^a, Carolina Grize^a, Jesus Ruiz^a Pascal Briois^b, Alain Billard^b, Raphaël Ihringer^a
- B0511 Lifetime estimates of thin film coated interconnects in SOFC cathode side environments**
- p28 B0516 Preparation of Lanthanum Silicate Electrolyte Film with nano sized dispersed particle paste and its application to middle temperature ranged SOFC**
Ryohei Mori (1), Atsushi Mineshige (2), Tetsuo Yazawa (2), Hideki Yoshioka (3); (1) Fuji Pigment Co.,Ltd , Hyogo prefecture/Japan, (2) University of Hyogo, Hyogo prefecture/Japan, (3) Hyogo Prefectural Institute of Technology,
- B0517** Chieko Yamagata, Agatha Matos Misso, Daniel Ricco Elias, Fernando Santos Silva, Vanessa Galvao Rodrigues
- p29 B0519** Jun Ho Yu, Kyungtae Kang, Jun Young Hwang
- B0520 New materials and low temperature sintering processes for PCFCs**
G. Taillades (1), P. Pers (1), F. Mauvy (2), P. Batocchi (2), M. Parco (3)
(1) CNRS ICG-AIME, University of Montpellier , Montpellier Cedex 5/France, (2) CNRS, Université de Bordeaux, ICMCB, Pessac Cedex/France, (3) Fundación TECNALIA, San Sebastian/Spain
- B0521 Colloidal Approach for Nanostructured Composite Electrodes of Solid Oxide Fuel Cells**
Kazuyoshi Sato (1), Manami Arai (1), Kazuya Horiguchi (1), Hiroya Abe (2)
(1) Division of Environmental Engineering Science, Gunma University, Gunma/Japan, (2) Joining and Welding Research Institute, Osaka University, Osaka/Japan
- B0522 Barium Boron silicate glass as a sealant for use in anode-supported Solid Oxide Fuel Cells**
Mavial J. Silva (1), Signo T. Reis (2), Sonia Mello-Castanho (1); Nuclear and Energy Research Institute, IPEN-CNEN/SP, Brazil, São Paulo/SP/Brazil , (2) Missouri University of Science and Technology, Rolla MO/USA
- p30 B0620 Chemical and structural stability of SrTiO₃-based materials under SOFC anode operating conditions**
- p34 B0917 Multi Layered Anode Supports in Solid Oxide Fuel Cell for Using Hydrocarbon Fuel**
Haekyoung Kim (1), Young Min Park (2)
(1) School of Materials Science & Engineering, Yeungnam University , Gyeongsan/Republic of Korea, (2) Fuel Cell Research Team, Research institute of Technology, Pohang/Republic of Korea
- B0918 Development of Cu-based Anodes for BZCY72 Proton Ceramic Membrane Reactors**
S. Robinson (1), C. Kjølseth (2), W.G. Coors (2), T. Norby (1)
(1) University of Oslo SMN/FERMIo, NO-0349/Oslo, (2) Protia AS, NO-0349/Oslo
- p35 B1115 Nano-indentation and 3D microstructural characterisation of SOFC anodes**
- p34 B1207 Development of Modelling and Testing for Analysis of Degradation in Solid Oxide Fuel Cells**
John Geoffrey Maillard (1), Robert Steinberger-Wilckens (1), Aman Dhir (1)
(1) Centre for Hydrogen & Fuel Cells, University of Birmingham, Birmingham/UK (prev. B1202)
- p37 B1224 On Impedance Measurements Suitability of Electrolyte Supported SOFCs**
M. P. Carpanese (1), S. Congiu (1), D. Clematis (1), A. Bertei (2), C. Nicoletta (2), A. Sanson (3), E. Mercadelli (3), A. Gondolini (3), M. Panizza (1), A. Barbucci (1)
(1) DICCA, University of Genoa, Genoa/Italy, (2) DICCISM, University of Pisa, Faenza/Italy, (3) CNR-ISTEC,
- p36 B1309 High temperature Metal/ metal oxide battery**
Isabelle Keller, L.G.J de Haart
Forschungszentrum Jülich GmbH, Institut für Energie- und Klimaforschung 9 (IEK-9), Jülich/Germany
- p37 B1319 Influence of ceria buffer layer on redox anode supported cell performance tested with LSC-based cathodes**
Pierre Coquoz (a), Raphaël Obrist (a), Issam El Bakkali (a), Carolina Grize (a), Jesus Ruiz (a), Pascal Briois (b), Alain Billard (b), Raphaël Ihringer (a); (a) Fiaxell Sàrl, Lausanne/Switzerland , (b) IRTES-LERMPS, Belfort/France
- p38 B1507 Experimental study on development of a coupled reactor with a catalytic combustor and steam reformer for a 5 kW solid oxide fuel cell system**
Sang Gyu Kang, Kanghun Lee, Kook-Young Ahn; Korea Institute of Machinery and Materials, Daejeon/Republic of Korea

Page Withdrawals:

p23 A1404 (oral)	p18 B0905 (oral), B0906 (oral)	p20 B1202 (oral)
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p29 A1116, A1119	p31 B0623	
p33 A1313, A1315	p33 B0917	p36 B1222
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