

Materials on Energy 2010 Programme Overview					
Sunday, 4 July 2010					
10:00 - 18:00 Assembly of Exhibition					
18:00 - 20:00 Registration and Welcome Reception					
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08:00 - 09:30	Registration & Coffee				
09:30 - 10:00	Opening Ceremony E. Umbach, President of the Karlsruhe Institute of Technology (KIT)/D G. Oettinger, EU Energy Commission, Brussels/B - to be confirmed add: someone from EU France or DoE USA				
Chair:					
10:00 - 11:00	Plenary Lecture: NN				
11:00 - 11:30	Coffee Break				
Chair:					
11:30 - 12:30	Plenary Lecture: Alfred Voß, University of Stuttgart/D Energy technology perspectives for a sustainable energy provision				
12:30 - 14:00	Lunchtime				
	Materials for Large Power Plants	Materials for Fuel Cells - SOFC	Materials for Fuel Cells - PEMFC	Hydrogen Storage	Light-Weight Strategies, Concepts, Design, Materials, Processes and Methods
Chairs:	W.G. Sloof	W.J. Quadackers	E. Ivers-Tiffée	M. Fichtner & A. Züttel	F. Henning
14:00 - 14:20	Keynote 1584 M. Barsoum	1052 W.A. Meulenberg	1017 D. Bayer	1241 C. Weidenthaler	1244 O. Deisser
14:20 - 14:40		1018 J. Joos	1118 M. Schieda	1465 C. Frommen	1478 K. Sadayappan
14:40 - 15:00	1046 H. Sarmiento Klapper	1051 S. Pavlova	1082 J. Richards	1254 E.G. Bardaji	1136 L.F. Berg
15:00 - 15:20	1050 G. Vesper	1147 C. Niedrig	Keynote D. Stolten	1574 I. Lindemann	1134 J. Kuppinger
15:20 - 15:40	1467 K. Alexandrov	1374 I.W.M. Brown		1283 M. Dornheim	1086 A. Piller
15:40 - 16:10	Coffee Break				
	Materials for Large Power Plants	Materials for Fuel Cells - SOFC	Materials for Fuel Cells - PEMFC	Hydrogen Storage	Light-Weight Strategies, Concepts, Design, Materials, Processes and Methods
Chairs:	W.G. Sloof	A. Weber	D. Stolten	M. Fichtner & A. Züttel	F. Henning
16:10 - 16:30	1166 S.B. Li	1505 G. Falk	1205 M. Sharifi	Keynote	1110 R. Chaudhari
16:30 - 16:50	1213 D. Jong	1564 T. Franco	1126 A. Pfrang	1490 J.C. Zhao	1151 T. Holtermann
16:50 - 17:10	1158 M. Hänsl	1141 P. Huczukowski	1159 W.G. Bessler	1266 F. Dolci	1470 M. Lewandowska
17:10 - 17:30	Keynote 1421 S.A. Kuznetsov	Keynote N. Christiansen	1037 M. Arenz	1044 M.J. van Setten	1419 Y. Taga
17:30 - 17:50	1412 C. Honvault		1039 T. Wadayama	1398 B. Dam	1400 J. Hohe
17:50 - 20:00	Poster Session 1				
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	Materials for Large Power Plants	Materials for Renewable Energy Conversion	Materials for Fuel Cells - PEMFC	Hydrogen Storage	Catalysts for Sustainable Energy Applications
Chairs:	E. Roos & L. Singheiser	E. Dinjus & F. Ropital	W.G. Bessler	M. Fichtner & A. Züttel	M.-J. Baraton & J.A. Lercher
09:00 - 09:20	1335 K. Schmidt	1033 R. Palkovits	1099 J. Becker	1573 A. Borgschulte	Keynote
09:20 - 09:40	1225 J.R. Pauls	1462 M.M. Titirici	1558 U. Kramm	1451 N. Hanada	1203 H.-J. Fecht
09:40 - 10:00	1240 J. Pasternak	1519 M. Roßbach	1081 S. Pacheco Bento	1181 I. Utz	1049 G. Vesper
10:00 - 10:20	Keynote	1424 E. Sulman	1233 M. Boaventura	1096 Th. Schmidt	1379 B. Reznik
10:20 - 10:40	1425 V.K. Vasudevan	1058 A.V. Chistyakov	1592 R. Devanathan	1369 Y.F. Khalil	1445 P. Jana
10:40 - 11:10	Coffee Break				
	Materials for Large Power Plants	Materials for Renewable Energy Conversion	Materials for Fuel Cells - SOFC	Hydrogen Storage	Catalysts for Sustainable Energy Applications
Chairs:	E. Roos & L. Singheiser	E. Dinjus & F. Ropital	N. Christiansen	M. Fichtner & A. Züttel	M.-J. Baraton & J.A. Lercher
11:10 - 11:30	1426 V.K. Vasudevan	1499 T. Riitonen	Keynote G.H. Meier	1206 J.R. Hattrick-Simpers	1531 V.A. Sadykov
11:30 - 11:50	1148 R. Pillai	1343 T.J.S. Schubert	1263 L. Niewolak	1131 H. Li	1341 O. Metin
11:50 - 12:10	1090 V.V. Polyakova	1204 V.V. Zhmakin	1401 J. Huot	1410 K. Morita	1038 J. Valyon
12:10 - 12:30	1112 T. Dudziak	1275 L. Couture	1370 D. Liu		Keynote
12:30 - 12:50	1383 E. Wirth	1089 N. Boukis	1389 K. Lu	1464 W.P. Kalisvaart	1569 A. Bell
12:50 - 14:00	Lunchtime				
	Materials for Large Power Plants	Materials for Renewable Energy Conversion	Materials for Fuel Cells - SOFC	Hydrogen Storage	Catalysts for Sustainable Energy Applications
Chairs:	R.S. Averback & D. Feron	C. Jooss	D. Gerthsen	M. Fichtner & A. Züttel	H.-J. Fecht & J.A. Lercher
14:00 - 14:20	1329 C. Fazio	1231 O. Diwald	Keynote F. Tietz	1547 T.G. Voskuilen	1071 + 1072 N. Brun
14:20 - 14:40	1088 C. Dethloff	1414 S. Fiechter		1246 U. Mueller	1021 S.M. Coman
14:40 - 15:00	1328 A. Moeslang	1507 van de Krol	1053 A. Utz	1351 M. Russina	1236 + 1238 J.F. Puna
15:00 - 15:20	1542 G.D.W. Smith	Keynote	1032 A. Muramatsu	Keynote	1167 Y. Sekine
15:20 - 15:40	1431 C.-L. Chen	1571 K. Domen	1117 D. Klotz	1123 M. Hirscher	1119 M. Soorholtz
15:40 - 16:10	Coffee Break				
	Materials for Large Power Plants	Materials for Renewable Energy Conversion	Materials for Fuel Cells - SOFC	Hydrogen Storage	Catalysts for Sustainable Energy Applications
Chairs:	R.S. Averback & D. Feron	C. Jooss	F. Tietz	M. Fichtner & A. Züttel	C. Bianchini & J.A. Lercher
16:10 - 16:30	Keynote	Keynote	1247 A.J. Darbandi	1262 P. Adelhelm	Keynote
16:30 - 16:50	1228 P. Bellon	1185 M.D. Allendorf	1179 J. Hayd	1441 F. Leardini	1548 J. Ye
16:50 - 17:10	1156 V. Widak	1403 U. Wijayantha	1094 N. Nwosu	1348 S.K. Singh	1059 M.-J. Baraton
17:10 - 17:30	1480 Z. Oksitua	1420 Q.-H. Zhang	1133 C. Rockenhäuser	1354 Q. Xu	1568 C. Zhao
17:30 - 17:50	1427 V.K. Vasudevan	1555 B. Wood	1513 I. Stijepovic	1188 M.D. Allendorf	1161 S. Castillo

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Chair:					
08:45 - 09:45	Plenary Lecture: R. Schlögl, Fritz-Haber-Institute of the Max Planck Society, Berlin/D				
09:45 - 10:15	Coffee Break				
Chair:					
10:15 - 11:15	Plenary Lecture: Tomas Diaz de la Rubia, Lawrence Livermore National Laboratory, CA/USA Materials challenges for the energy technology revolution: expanding the role of nuclear power and developing inertial fusion energy				
Chair:					
11:15 - 12:15	Plenary Lecture: Michael Schütze, DECHEMA e.V., Frankfurt am Main/D Non-conventional solutions for the protection of materials at high temperatures				
12:15 - 12:30	Poster Prize Award				
12:30 - 14:00	Lunchtime				
	Materials for Large Power Plants	Materials for Renewable Energy Conversion	Thermoelectrics: from Highly Efficient Structures to High-Temperature Generators	Hydrogen Storage	Catalysts for Sustainable Energy Applications
Chairs:	R.S. Averback & D. Feron	C. Jooss & D. Cahen	Y. Gelbstein & K. Nielsch	M. Fichtner & A. Züttel	M.-I. Baraton & A. Bell
14:00 - 14:20	1521 V. Borodin	1397 R. Beranek	1063 N. Stein	1563 S. Luzan	Keynote
14:20 - 14:40	1406 J. Hohe	1559 G.P. Demopoulos	1554 D. Singh	1060 M. Schlichtenmayer	1576 K. Seshan
14:40 - 15:00	1334 N. Holstein	Joint Panel Discussion "New strategies for maximum light harvesting"	1381 M. Soulier	1270 C. Matei Ghimbeu	1212 L. Wang
15:00 - 15:20	1061 M. Rieth		Keynote	1036 W. Lohstroh	1217 N. Mezentseva
15:20 - 15:40	1526 A. Weisenburger		J. Nurnus	1144 N. Brun	1045 M. Friedrich
15:40 - 16:10	Coffee Break				
	Materials for Large Power Plants	Materials for Renewable Energy Conversion	Thermoelectrics: from Highly Efficient Structures to High-Temperature Generators	Electrochem. Energy Storage: Batteries and Supercapacitors	Catalysts for Sustainable Energy Applications
Chairs:	N. Bagcivan & F.J. Pérez-Trujillo	G. Flamant & D. Ginley	Y. Gelbstein & K. Nielsch	K.-C. Möller & M. Winter	M.-I. Baraton & A. Bell
16:10 - 16:30	Keynote	Keynote	1392 Q. Yan	1284 X.Y. Peng	1005 A. Pitois
16:30 - 16:50	B. Gleeson	1273 T. Mayer	1366 S. Ezhilavalan	1020 F. Huang	1055 L. Kapokova
16:50 - 17:10	1085 B. Yildirim	1436 M.F. Toney	1332 N. Yang	1135 N. Brun	1415 A. Erdohelyi
17:10 - 17:30	1154 D.P. Weston	1529 P. Katal Mohseni	1078 P. Zahn	Keynote	1422 J.C. Schouten
17:30 - 17:50	1245 S. Oberhauser	1176 B. Schmidt-Hansberg	1189 D. Osborne	S. Passerini	1492 P. Pfeifer
17:50 - 20:00	Poster Session 2				
20:00 - 24:00	Conference Dinner				

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	Materials for Large Power Plants	Materials for Renewable Energy Conversion	Thermoelectrics: from Highly Efficient Structures to High-Temperature Generators	Electrochem. Energy Storage: Batteries and Supercapacitors	Catalysts for Sustainable Energy Applications
Chairs:	N. Bagcivan & F.J. Pérez-Trujillo	G. Flamant & D. Ginley	J. Nurnus & M.-C. Record	K.-C. Möller & M. Winter	J.A. Lercher & J. Ye
09:00 - 09:20	Keynote	Keynote	Keynote	1543 F.I. Allen	1130 M.V. Martinez-Huerta
09:20 - 09:40	1567 A. Agüero	1121 D. Cahen	1393 Y. Gelbstein	1073 C. Ziebert	1405 A. Bhattacharyya
09:40 - 10:00	1277 T. Hüttel	1272 T. Mayer	1515 M. Bardoux	1080 W. Jaegermann	1027 N. Yagihashi
10:00 - 10:20	1196 M. Juez-Lorenzo	1539 C. Jooss	1439 J.R. Ares	1211 S. Bouazza	Keynote
10:20 - 10:40	1566 F.J. Pérez-Trujillo	1113 P. Wahnón	1100 H. Böttner	1344 T.J.S. Schubert	1562 C. Bianchini
10:40 - 11:10	Coffee Break				
	Nanostructures for Energy Applications	Materials for Renewable Energy Conversion	Materials for Energy Storage	Electrochem. Energy Storage: Batteries and Supercapacitors	Materials Research for Solid-State Lighting
Chairs:	P.M. Ajayan & S.R.P. Silva	G. Flamant & D. Ginley	R. Tamme	K.-C. Möller & M. Winter	E. Keßenich & J. Phillips
11:10 - 11:30	1195 O. Gutfeisch	1413 T. Hanrath	1461 J. Meinert	Keynote	Keynote
11:30 - 11:50	1361 M. Noe	1030 T. Brandau	1268 A. Chalbi	1227 J. Tübke	W. Kowalsky
11:50 - 12:10	1355 U. Wittstadt	1101 J. Moghal	1162 L. Huang	1249 N. Hüsing	1549 M. Kroger
12:10 - 12:30	Keynote 1528	1285 M. Elbahri	1003 T. Bauer	1387 M. Au	1561 A. Fuchs
12:30 - 12:50	K. Gschneidner, Jr.	1093 A. Fuchs	1138 R. Herrmann	1535 R. Moenig	1127 D.S. Setz
12:50 - 14:00	Lunchtime				
	Nanostructures for Energy Applications	Materials for Renewable Energy Conversion	Materials for Energy Storage	Electrochem. Energy Storage: Batteries and Supercapacitors	Materials Research for Solid-State Lighting
Chairs:	P.M. Ajayan & S.R.P. Silva	G. Flamant & D. Ginley	B. Baretzky & D. Shchukin	K.-C. Möller & M. Winter	E. Keßenich & J. Phillips
14:00 - 14:20	1223 T. Hofmann	Keynote	Keynote 1164	1453 N. Sharma	Keynote
14:20 - 14:40	1411 J. Emah	1226 J.D. Perkins	T.C. Monson	1122 R. Prakash	A. Mascarenhas
14:40 - 15:00	1536 A. Pohl	1438 K. Ellmer	1259 U. Klein	1143 A. Latz	1077 G.T. Wang
15:00 - 15:20	1276 E. Vanhaecke	1518 D. Meissner	1279 G. Munz	1155 T. Chrobak	1267 U. Rossow
15:20 - 15:40	1288 M.L. Ponce	1433 Z.G. Zou	1108 D. Shchukin	1160 W.G. Bessler	1069 K. Müller-Buschbaum
15:40 - 16:00	1416 M.T. Martinez	1218 J. Schaffner	1503 C. Feldmann	1484 A. Orphanou	1230 O. Diwald
16:00 - 17:00	Farewell				