

Program for EMN Meeting on Fuel Cells 2017 Sunday June 11th	
14:00-17:30	On-site registration

Monday June 12th		
Session: Characterization of Materials for Fuel Cells Chair:		
9:00-9:25	A01: dynamics of oxide ions conductors by neutron scattering techniques, an efficient way to understand IT-SOFC materials behavior	Andrea Piovano Spectroscopy Group, co-responsible IN8 "Institut Max von Laue - Paul Langevin", France
9:25-9:50	A02: 2D/3D X-ray μ -XRD and μ -XRF synchrotron studies of Solid Oxide Cells tested under long-term Electrolysis and Fuel modes	Dario Ferreira Sanchez microXAS Paul Scherrer Institut – PSI, Switzerland
9:50-10:15	A03: Development and characterization of an IT-SOFC obtained by thin film technologies	Pascal Briois Universite de technologie de Belfort-Montbéliard, France
10:15-10:40	A04: Ferritic stainless steel interconnect for HTE/SOFC technologies	Ioana Popa Laboratoire Interdisciplinaire Carnot de Bourgogne UMR 6303 CNRS - Université de Bourgogne, France
10:40-10:55	Session Break	
Session: Catalysts for Fuel Cell Applications Chair:		
10:55-11:20	A05: Nitrogen-Doped Titanium Oxide as Cathode Catalyst for Polymer Electrolyte Fuel Cells	Mitsuharu Chisaka Department of Sustainable Energy, Hirosaki University, Japan
11:20-11:45	A06: Cobalt/Nitrogen Doped Carbon Xerogel as Cathodic Catalysts for Fuel Cell Applications	LOH Kee Shyuan Fuel Cell Institute Universiti Kebangsaan Malaysia, Malaysia.
11:45-12:10	A07: Microstructure and water distribution in fuel cell catalyst studied by neutron scattering	Satoshi Koizumi Ibaraki University, Japan
12:10-12:35	A08: Preparation and characterization of graphene based electrocatalysts for oxygen reduction reactions	Edip BAYRAM Chemistry Department, Faculty of Science, Akdeniz University, Turkey
Lunch break		

Tuesday June 13th		
Session: Polymers for Fuel Cell Applications Chair:		
9:00-9:25	A09: Ionically conductive properties of metallo-supramolecular polymers	Masayoshi HIGUCHI Electronic Functional Macromolecules Group, National Institute for Materials Science (NIMS), Japan
9:25-9:50	A10: All organic composite membrane for electroactive polymer actuator with high power density and fast response	Chong Min Koo Korea Institute of Science and Technology, Republic of Korea
9:50-10:15	A11: Anti-oxidative polymer electrolyte membranes based on poly(arylene ether ketone) for fuel cell	Dukjoon Kim Sungkyunkwan University, Republic of Korea
10:15-10:40	A12: Chitosan: a natural polymer for low temperature fuel cells	Patrizia Bocchetta Università del Salento, Italy
10:40-10:55	Session Break	
Session: Fuel Cell Systems and Applications Chair:		
10:55-11:20	A13: Crystal shape controlled H ₂ storage rate in nanoporous carbon composite with ultra-fine Pt nanoparticle	Tsan-Yao Chen National Tsing Hua University, Taiwan.
11:20-11:45	A14: Study of Photovoltaic-Fuel Cell Based Grid Connected Microgrid having Hydrogen Storage	Viresh Dutta Photovoltaic Laboratory, Centre for Energy Studies, Indian Institute of Technology Delhi, India
11:45-12:10	A15: A transient mechanistically based real-time capable system level model of PEM fuel cells	Tomaz Katrasnik University of Ljubljana, Slovenia
12:10-12:35	A16: Advanced Fuel Cell: Electrolyte-layer Free Fuel Cell as New Energy Conversion Technology	Muhammad Afzal KTH Royal Institute of Technology, Sweden
Lunch Break		

Wednesday June 14th

Session: Innovative Renewable Energy Technologies Chair:

9:00-9:25	A17: Cancer Screening made possible with a Direct Methanol Fuel Cell	Lúcia Brandão Instituto Superior de Engenharia do Porto, Portugal
9:25-9:50	A18: Self-powered Flexible Energy Source	Keon Jae Lee Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
9:50-10:15	A19: Degradation of La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O ₃ (LSCF) Air Electrode in Solid Oxide Electrolyzer Cells	PAN Zehua Fuel Cell lab, Singapore
10:15-10:30	Session Break	

Session: Materials for Fuel Cells Chair:

10:30-10:55	A20: Emerging nanotechnologies for the production of hydrogen fuel cell MEAs with enhanced power density and CO resistance	Miriam Rafailovich Department of Materials Science, SUNY at Stony Brook, USA
10:55-11:20	A21: A novel catalyst supported on Ta modified TiO ₂ prepared by Electrospinning technique for application in PEM fuel cells	Claudia D'Urso CNR-ITAE –Messina, Italy
11:20-11:45	A22: Development of Electrode Materials for Fuel Cell and Electrolysis Cell Applications	Rinlee Butch M. Cervera Advanced Materials for Energy Laboratory, Materials for Energy Department of Mining, Metallurgical, & Materials Engineering University of the Philippines Diliman, Philippines

Lunch Break

Thursday June 15th

09:00-17:30	One day excursion
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