

Program for EMN on Supercapacitor		
June 17-21, 2016		
Friday, June 17th		
14:00-17:00	Onsite registration & Sign up	
Saturday, June 18th		
Room A		
Session: General I Chair: Tseung-Yuen Tseng		
9:30-9:55	A01: Towards Diamond-Based Supercapacitors: Realization and Properties	Fang Gao Fraunhofer Inst Appl Solid State Phys IAF, Germany.
9:55-10:20	A02: Double layer and hybrid carbon based capacitors from biomass waste carbons	Roman Mysyk CIC EnergiGUNE, Arabako Teknologi Parkea, Spain.
10:20-10:45	A03: Ionic liquids for an electric double layer capacitor	Takaya Sato National Institute of Technology, Tsuruoka College, Japan
10:45-11:10	A04: Application of Supercapacitors in Magnetic Resonance Imaging Scanners	Ristic Mihailo Imperial College London, UK
11:10-11:35	A05: Embedded chip-scale electrochemical double layer capacitors with novel functionalized architecture and tailored ionic liquid-based electrolyte	Jud Ready Georgia Institute of Technology, USA
12:00	Lunch Break	
Session: General II Chair: Fang Gao		
14:55 -15:20	A06: New methods and materials for capacitive deionization	Campbell Patrick G. Lawrence Livermore National Laboratory, USA
15:20 -15:45	A07: Asymmetric Supercapacitor Fabricated by Co ₃ O ₄ -based Nanocomposite and Graphene	Tseung-Yuen Tseng National Chiao Tung University, Taiwan
15:45-16.00	Break	
16:00-16:25	A08: Vertically Aligned Graphene Interdigital Micro Supercapacitor for Powering Implantable Biomedical Devices	Azrul Azlan Hamzah Universiti Kebangsaan Malaysia, Malaysia
16:25-16:50	A09: Performance Enhancement of Graphene/Metal Oxide Nanocomposite Supercapacitors	Jae-Jin Shim Yeungnam University, Korea

18:00	Dinner Social	
Sunday, June 19th		
Room A		
Session: General III Chair: Shim Jae-Jin		
9:30-9:55	A10: Kinetics and Mechanism of Organic Carbonates Electropolymerization on Lithium	Asgar Aryanfar California Institute of Technology, USA
9:55-10:20	A11: Development of an advanced high-power supercapacitor	Jong-Huy Kim Korea Institute of Energy Research, Korea
10:20-10:45	A12: The cross-linked polymer-ionic liquid electrolyte for all solid state flexible supercapacitors with high rated voltage	YOO. JEEYOUNG Seoul National University, Korea
10:45-11:10	A13: Solar Power System and ESS(Energy Storage System) using Super-capacitor and BMS(Battery Manage System)	Hee-Je Kim Pusan National University, Korea
12:00	Lunch Break	
Session: General IV Chair: Jong-Huy Kim		
14:55 -15:20	A14: Estimation of Supercapacitor Storage Energy Based on Fractional Differential Equations	Kopka Ryszard Opole University of Technology, Poland
15:20 -15:45	A15: Electrochemical Stability in Ionic Liquid based Supercapacitors	Anthony Rennie University of Sheffield, UK
15:45-16:00	Break	
16:00-16:25	A16: Inactive Water-based Polymer Binder for the Performance of Carbon Supercapacitor	Eun-Suok Oh University of Ulsan, Korea
16:25-16:50	A17: Multilayer hybrid nanocomposites for supercapacitor electrodes	Maria Federica De Riccardis ENEA, Italy
18:00	Dinner Social	
Monday, June 20th		
Room A		
Session: General V Chair: Anthony Rennie		
9:30-9:55	A18: Development of high performance electrochemical capacitor electrode materials using highly aligned nanocomposite from graphene and mesoporous metal oxides	Yoon Songhun Chung-Ang University, Korea

9:55-10:20	A19:	Makara Lay University of Girona, Spain
10:20-10:45	A20:	Giuseppe Maffia ENEA C.R. Italy
12:00	Lunch Break	
Poster Session (14:50 - 15:30)		
P01: Pseudo-capacitive supercapacitor with polythiophene derivatives for long life cycle	Kim Hyunjin Seoul National University, Korea	
P02: PbS seeded CdS/CdSe and Polyimidazole coated covellite CuS dispersed CNT	Dinah Punnoose Pusan National University, Korea	
P03: Rose-rock like cuprous oxide anchored reduced graphene oxide for high-performance supercapacitor	Zhenxing Yin Seoul National University, Korea	
P04: Self-Adjusting Electrochemical Etching Technique for Producing Nanoporous Silicon Membrane	Azrul Azlan Hamzah Universiti Kebangsaan Malaysia, Malaysia	
P05: Facile synthesis of a three-dimensional layered double hydroxide nanosheet/MXene composite as a novel electrode material for supercapacitors	Hui Dou Nanjing University of Aeronautics and Astronautics, China	
18:00	Dinner Social	