

Mini-Symposium on Functional Materials and Devices  
Programme (6<sup>th</sup> July)

08:50~09:30		<b>Opening Ceremony of ISPF6</b>	
09:30~10:00		<b>Tea Break</b>	
<b>Session I</b>		<b>FUNDAMENTALS OF FUNCTIONAL MATERIALS – CHAIR: CHENG YAN, Z. LUO</b>	
1	10:00~10:30	Serguei Sovilov <i>Moscow State University</i>	Spark Plasma Sintering of Nanostructured Carbon Materials: Fundamentals and Perspectives
2	10:30~11:00	Ning Hu <i>Chongqing University</i>	High-Performance Piezoelectric PVDF Nanocomposites
3	11:00~11:20	Ai Kah Soh <i>Monash University Sunway Campus</i>	Precision Electric Control of Magnetic Domain Wall Motions in A Multiferroic Bilayer Based on Strain-mediated Magnetoelectric Coupling
4	11:20~11:40	Jihuai Wu <i>Huaqiao University</i>	Advanced Materials in Dye-sensitized Solar Cells
5	11:40~12:00	Kongjun Zhu <i>Nanjing University of Aeronautics and Astronautics</i>	One-step Synthesis of Vanadium Oxides Composite through High-temperature Mixing Method under Hydrothermal Condition for Full Cell of Li-ion Batteries
12:00~13:30		<b>Lunch</b>	
<b>Session II</b>		<b>FUTURE REALISTIC MATERIALS FOR ENERGY STORAGE – CHAIR: AI KAH. SOH, GUOQIANG LI</b>	
6	13:30~14:00	Henghui Zhou <i>Peking University</i>	Reprocessable Squeezing Electrode Fabrication of Olive-Like Fe/Co/O Nanoparticles@Three Dimensional Nitrogen-doped Reduced Graphene Oxide for High Performance Lithium Battery
7	14:00~14:30	Chen Yang <i>Queensland University of Technology</i>	Investigation on Microstructure and Stress in Silicon Li Ion Battery Anodes
8	14:30~14:50	Jinkui Feng <i>Shandong University</i>	Nanoporous Si and Ge as High Capacity Lithium Ion Battery Anode Prepared by Chemical Dealloying
9	14:50~15:10	Chunfu Lin <i>Hainan University</i>	Preparations and Modifications of $Ti_2Nb_{2x}O_{4+5x}$ Anode Materials for Lithium-Ion Batteries
10	15:10~15:30	Chaohe Xu <i>Chongqing University</i>	Electrostatic Interaction Induced Graphene-based Aerogels for Lithium Storage
11	15:30~15:50	Li Lu <i>National University of Singapore</i>	High capacity cathode through domain engineering

16:00~16:20		<b>Tea Break</b>	
<b>Session III</b>		<b>THIN FILMS AND DEVICES – CHAIR: SERGUEI SOVILOV, CHUNFU LIN</b>	
12	16:20~16:50	Shu Yin <i>Tohoku University</i>	Solution Synthesis of Zinc Oxide Conductive Thin Film
13	16:50~17:20	Zhengtang Luo <i>The Hong Kong University of Science and Technology</i>	Synthesis of Structured Graphene Materials
14	17:20~17:40	Guoqiang Li <i>South China University of Technology</i>	High Quality Light-emitting Diods EPI-structure Grown on Si (111) Substrates
15	17:40~18:00	Guang Ping Zhang <i>Institute of Metal Research, CAS</i>	Mechanical Reliability of Nanoscale Metal Films for Flexible Devices
16	18:00~18:20	<i>Jun Min Xue</i> <i>National University of Singapore</i>	Hybrid Li-ion Capacitors With High Performance