

2018 International Symposium on Advanced Materials and Technologies

New Chemistry Building, Room101, Lanzhou University

Friday 8th June, 2018

8:30	Opening Remarks	
Session 1	Chair: Hao-Li Zhang	
8:50	John Wang	MOFs and Beyond MOFs for Energy Storage and Conversion
9:10	Yu Tang	Studies on the Smart Luminescent Materials Based on Rare Earth Complexes
9:30	Junmin Xue	Double/triple Layered Nickel Hydroxide Nanoribbons for Efficient Water Splitting
9:50	Pinxian Xi	Transition Metal Sulfides Heterostructure for Water Splitting and Energy Conversion
10:10	Coffee Break / Photo Taken	
Session 2	Chair: Jingsheng Chen	
10:30	Stefan Adams	Materials for Low Cost High Performance Batteries
10:50	Xing-Bin Yan	Novel Applications of Silica-Grafted Ionic Liquids in Supercapacitors
11:10	Qing Wang	A High-power Redox-mediated Lithium Fuel Cell
11:30	Weifeng Bu	How do Molecular Weights of Noncoordinated Polymers Affect Luminescence Properties of Metal-containing Polymers?
11:50	Lunch	
Session 3	Chair: John Wang	
14:30	Jingsheng Chen	Electrical Switching of Perpendicular Magnetization in a Single Ferromagnetic Layer With Centrosymmetric Crystal Structure
14:50	Yong Peng	Atomic Observations of Crystal Structures of Low-dimensional Magnetic Materials and Correlated Magnetism Origins
15:10	Gan Moog Chow	Interfacial Coupling in Manganite Films and Superlattices
15:30	Xiao-Long Fan	Local Electrical Detection of Magnetization Dynamics
15:50	Coffee Break	
Session 4	Chair: Yong Peng	
16:10	Beng Kang Tay	Growth and Application of Carbon Nanomaterials, TMDs and Related Heterostructures
16:30	Jun Ding	Metallic and Ceramic Structures by Additive Manufacturing
16:50	Chong Wei Tan	Carbon-Based Materials for Thermal Management Applications
17:10	Benjamin C.K. Tee	Self-healing Functional Materials and Devices
17:30	Closing Remarks	