

Workshop II : Powder Diffraction and its Application on Energy Materials

Organizers: Wen-Hsien Li (李文献) & Chia-Hung Hsu (徐嘉鴻)

August 30 (Thursday)

Place: Rm. 107

08:20		Registration	
09:00		Workshop Opening Remarks <i>Di-Jing Huang (黃迪靖), National Synchrotron Radiation Research Center (國家同步輻射研究中心)</i>	<i>Session Chair: Chia-Hung Hsu (徐嘉鴻)</i>
09:10	II1	Quantum Beam Platform -Neutron and Synchrotron Radiation- <i>Yasuhiko Fujii (藤井 保彦), Comprehensive Research Organization for Science and Society, Japan</i>	
09:55	II2	Principles, Facilities, and Applications of Neutron Scattering Techniques <i>Wen-Hsien Li (李文献), National Central Univ. (國立中央大學)</i>	
10:40		Coffee Break	<i>Session Chair: Chih-Hao Lee (李志浩)</i>
11:00	II3	Complementarity between Synchrotron X-rays and Neutrons and their Applications in Energy Materials Research <i>Yang Ren, Advanced Photon Source, USA</i>	
11:45	II4	Applications of Powder Diffraction in Energy Storage Materials <i>Bing Joe Hwang (黃炳照), National Taiwan Univ. of Sci. and Tech. (國立台灣科技大學)</i>	
12:30		Lunch	<i>Session Chair: Bing Joe Hwang (黃炳照)</i>
13:40	II5	Application of Neutron Powder Diffraction in Materials Science <i>Qingzhen Huang (黃清鎮), National Institute of Standards and Technology, USA</i>	
14:25	II6	Neutron Powder Diffraction Studies of Sustainable-energy Materials <i>Vanessa Peterson, Australian Nuclear and Technology Organization, Australia</i>	
15:10		Coffee Break	<i>Session Chair: Wen-Hsien Li (李文献)</i>
15:30	II7	Powder Neutron Diffraction Studies of Oxide and Oxynitride Materials <i>J. Paul Attfield, Univ. of Edinburgh, UK</i>	
16:15	II8	Crystal Structure and Magnetism of Layered Thermoelectric Materials <i>Fang-Cheng Chou (周方正), National Taiwan Univ. (國立台灣大學)</i>	
17:00	II9	Synthesis and Characterization of Multinary Selenides <i>Chi-Shen Lee(李積琛), National Chiao Tung Univ. (國立交通大學)</i>	
17:45		Discussion & Closing Remarks	
18:40		Speakers' Dinner	<i>Host: Di-Jing Huang (黃迪靖)</i>