



Workshop I: Synchrotron for Industries

Chair: Dr. Bor-Yuan Shew (許博淵)

Name	Topic
Stanley Chang (張世忠) Medigen Biotechnology Corp. (基亞生物科技股份有限公司)	High Power Synchrotron X-ray Refraction for Protein Structure Analyses: Using H1N1 Monoclonal Antibody as an Example
Chia-Wang Chiang (江佳旺) Mycenax Biotech Inc. (永昕生物醫藥股份有限公司)	Thermal Stability Study and Formulation Development of a Therapeutic Protein Using Circular Dichroism Spectroscopy at NSRRC
Kuo-Feng Chiu (邱國峰) Feng Chia Univ. (逢甲大學)	An Odyssey from Si Wafer Sawing Chips to Lithium Ion Battery Anodes
Yasin Ekinci SLS/PSI, SWISS	Lensless Photolithography and Imaging in the Extreme Ultraviolet Range
Wei-En Fu (傅尉恩) Industrial Technology Research Institute (工業技術研究院)	In-line X-ray Reflectivity
Kai-Fa Huang (黃開發) Academia Sinica (中央研究院)	<i>Bio-Drug Teck</i> , a Semi-virtual CRO, Provides Key Technologies to Support Biopharmaceutical, Industrial & Agricultural Developments
Bing-Joe Hwang (黃炳照) National Taiwan Univ. of Sci. and Tech. (國立台灣科技大學)	In-situ Spectroscopic and Imaging Observation of Electrode Materials upon Cycling
Alex King (金進興) Taimide Tech. Inc. (達邁科技股份有限公司)	Polyimide Film for Artificial Graphite Sheet

Name	Topic
Yun-Yue Lin (林雲躍) Taiwan Semiconductor Manufacturing Company Ltd. (台灣積體電路製造公司)	Synchrotron Application for Advanced EUV Lithography Development
Edward Mitchell ESRF, France	Synchrotron Light Sources: Opportunities for Industrial Exploitation and Partnerships
Cyril Petibois Academia Sinica (中央研究院)	High-performance Imaging Analyses with SR for Advanced Drug R&D
Yu-Yang Su (蘇育央) Industrial Technology Research Institute (工業技術研究院)	Tuning the Lattice Parameter of $\text{In}_x\text{Zn}_y\text{P}$ for Highly Luminescent Quantum Dots
Hao-Jan Sun (孫浩然) Far Eastern New Century Co. (遠東新世紀股份有限公司)	Structure-property Relationship Study of High Tenacity PET Yarns Through Diffraction Analysis
Fengji Yeh (葉逢薊) Dow Chemical Co. (台灣陶氏化學股份有限公司)	Industrial Applications of Synchrotron X-ray Scattering in Polymeric Materials

