

## **Program of Users' Meeting**

**Chairs: Tsan-Yao Chen (陳燦耀) & Chen-Lin Liu (劉振霖)**

**November 10 (Tuesday)**

**Place: D260**

08:30 Registration

09:00 **Opening Remarks**

*Tsan-Yao Chen (陳燦耀), Chairperson of Users Executive Committee, National Tsing Hua Univ. (國立清華大學)*

*Session Chair: Tsan-Yao Chen (陳燦耀)*

09:10 **NSRRC Current Status and Future Development**

*Gwo-Huei Luo (羅國輝), NSRRC (國家同步輻射研究中心)*

*Session Chair: Gwo-Huei Luo (羅國輝)*

09:30 S1 **Fundamental and Applications of Materials via Control of Ground and Excited State Properties**

*Pi-Tai Chou (周必泰), National Taiwan Univ. (國立臺灣大學)*

10:10 Poster Setup / Coffee Break / Group Picture

*Session Chair: Chun-Jung Chen (陳俊榮)*

10:40 **Light Source Report**

*Ming-Chyuan Lin (林明泉), NSRRC (國家同步輻射研究中心)*

10:50 **Development of Experimental Facilities**

*Yu-Shan Huang (黃玉山), NSRRC (國家同步輻射研究中心)*

11:10 **Users' Town Meeting / Neutron Users' Town Meeting**

*Tsan-Yao Chen (陳燦耀) & Hsin-Lung Chen (陳信龍)*

12:00 Poster Session (Poster Rating) and Lunch

Flash Presentation (12:30 ~ 13:30) at D101

**Program of Users' Meeting (Continued)**  
***Chairs: Tsan-Yao Chen (陳燦耀) & Chen-Lin Liu (劉振霖)***

**November 10 (Tuesday)**

**Place: D260**

*Session Chair: Ming-Tao Lee (李明道)*

- 14:00 O1 **Targeting Non-native Protein–protein Interactions of Nucleocapsid Proteins for Drug Discovery Against Coronavirus**  
*Ming-Hon Hou (侯明宏), National Chung Hsing Univ. (國立中興大學)*
- 14:20 O2 **Regulation of g-tubulin Ring Complex-mediated Microtubule Nucleation by Micro-proteins, Mzt1 and GCP8**  
*Kuo-Chiang Hsia (夏國強), Academia Sinica (中央研究院)*
- 14:40 O3 **A Carbohydrate-binding Protein from the Edible *Lablab* Beans Effectively Blocks the Infections of Influenza Viruses and SARS-CoV-2**  
*Che Ma (馬徽), Academia Sinica (中央研究院)*
- 15:00 O4 **Structure of the Sodium-dependent Phosphate Transporter Reveals Insights into Human Solute Carrier SLC20**  
*Yuh-Ju Sun (孫玉珠), National Tsing Hua Univ. (國立清華大學)*

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15:20 Coffee Break

*Session Chair: Chia-Hao Chen (陳家浩)*

- 15:50 O5 **Studying of Novel/Nano Materials by X-ray Spectro- and Microscopic Techniques**  
*Way-Faung Pong (彭維鋒), Tamkang Univ. (淡江大學)*
- 16:10 O6 **A Universal Approach for Lateral Oxide Hetero-/Homostructures with Conjunction Angle Tunability – Weave Epitaxy**  
*Jan-Chi Yang (楊展其), National Cheng Kung Univ. (國立成功大學)*
- 16:30 O7 **Relaxations of UV-excited Bio-chromophore**  
*Chien-Ming Tseng (曾建銘), National Chiao Tung Univ. (國立交通大學)*

16:50

17:00 **Oral Contest Presentation**

17:50

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18:00 Dinner (at Restaurant)

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19:30

**Program of Users' Meeting (Continued)**  
**Chairs: Tsan-Yao Chen (陳燦耀) & Chen-Lin Liu (劉振霖)**

**November 11 (Wednesday)**

**Place: D260**

08:00		Registration	
08:20		<b>NSRRC RUN / Breakfast</b>	
			<i>Session Chair: Chih-Wen Pao (包志文)</i>
09:30	O8	<b>In-situ Realize the Behaviors of Metal Centers in Ambient Condition</b>	
			<i>Hao-Ming Chen (陳浩銘), National Taiwan Univ. (國立臺灣大學)</i>
09:50	O9	<b>Synchrotron-Based X-ray Techniques for Advanced Investigation of Energy Materials</b>	
			<i>Yan-Gu Lin (林彥谷), NSRRC (國家同步輻射研究中心)</i>
10:10	O10	<b>Revisiting Low-Modulus Titanium Alloy for Biomedical Applications by Artificial Neural Network and In-Situ Synchrotron Experiment</b>	
			<i>Hung-Wei Yen (顏鴻威), National Taiwan Univ. (國立臺灣大學)</i>
10:30		Coffee Break	
			<i>Session Chair: Shih-Chang Weng (翁世璋)</i>
11:00	O11	<b>Superior CO<sub>2</sub> Electrochemical Reduction Performance of Cu@AuCu Catalysts</b>	
			<i>Kuan-Wen Wang (王冠文), National Central Univ. (國立中央大學)</i>
11:20	O12	<b>Direct Probe of Phase Uniformity of High-<i>k</i> Ferroelectric Oxides Using X-ray Nano-beam</b>	
			<i>Yuan-Chieh Tseng (曾院介), National Chiao Tung Univ. (國立交通大學)</i>
11:40	O13	<b>The Applications of X-ray Absorption Spectroscopy in the Study of Copper Nanocatalysts for Selective Oxidation of Propylene with Dioxygen</b>	
			<i>Chia-Min Yang (楊家銘), National Tsing Hua Univ. (國立清華大學)</i>
12:00		Poster Session and Lunch	
			<b>TaiwanTech-NSRRC Bilateral Visit Meeting (13:30~15:00 at D251)</b>
			<i>Session Chair: Yuan-Chieh Tseng (曾院介)</i>
14:00	O14	<b>Electric Current Effect on the Materials Stability of Pure Aluminum and 7075 Aluminum Alloy: an <i>in situ</i> Study</b>	
			<i>Shih-Kang Lin (林士剛), National Cheng Kung Univ. (國立成功大學)</i>
14:20	O15	<b>In-situ Observation of Anion Reaction in Al Ion Batteries</b>	
			<i>Di-Yan Wang (王迪彥), Tunghai Univ. (東海大學)</i>
14:40	O16	<b>Uptake and Accumulation of Indium in Rice and Wheat</b>	
			<i>Shan-Li Wang (王尚禮), National Taiwan Univ. (國立臺灣大學)</i>
15:00		Coffee Break	
15:30		<b>Interest Group Meetings for PX (A300), PXRD (A119), SRM (D251), XAS (D260), XNS (T202), and mXRD (L100)</b>	
17:10			
18:00		Bus to banquet departs from the Activity Center (Gate 6)	
19:00		Banquet	<i>Host: Tsan-Yao Chen (陳燦耀)</i>