

## AVS Chapter: Physics on Surface and Interface

美國真空學會台灣分會：表面與介面上的物理

Date: Jan. 15, 2025

Place: SC0014

Chair: Prof. Chun-Liang Lin (NYCU), Prof. Der-Hsien Lien (NYCU)

Time	Title	Speaker	Affiliation
<b>Chair: Chun-Liang Lin (NYCU, Taiwan)</b>			
13:30-13:35	Opening ceremony	Meng-Fan Luo	NCU Taiwan
13:35-14:00	2D noble-metal dichalcogenides: synthesis, properties and applications	Vera Marinova	BAS Bulgaria
14:00-14:25	The electronic properties and chemical reactivity of the MoS <sub>2</sub> edge surface prepared by laser cutting	Jun Yoshinobu	UTokyo Japan
14:25-14:50	Decomposition of Methanol Activated by Surface Under-coordinated Pt on Layered PtTe <sub>2</sub>	Meng-Fan Luo	NCU Taiwan
14:50-15:10	<b><i>B Break</i></b>		
<b>Chair: Der-Hsien Lien (NYCU, Taiwan)</b>			
15:10-15:35	Computational studies of twisted graphene and transition-metal dichalcogenide layers	Hyoung Joon Choi	Yonsei U Korea
15:35-16:00	Van der Waals Ferroelectric Transistor	Yann-Wen Lan	NTNU Taiwan
16:00-16:25	Physical Vapor Deposition of Thin Films and Coatings	Stefan Valkov	BAS Bulgaria
16:25-16:30	Closing Remark	Yann-Wen Lan	NTNU Taiwan
18:30-20:30	<b><i>Banquet</i></b>		