

TPS-JPS Symposium: SPM studies on emergent materials

台日雙邊物理學會論壇—掃描探針顯微術於新穎材料之應用

Date: Jan. 14, 2025

Place: SC2001

Chair: Prof. Chun-Liang Lin (NYCU), Prof. Noriaki Takagi (Kyoto U)

Time	Title	Speaker	Affiliation
Chair: Chun-Liang Lin (NYCU, Taiwan)			
16:00-16:05	Opening ceremony	Shuji Hasegawa	Utokyo Japan
16:05-16:30	Investigation of Spin State of Magnetic Molecule in Tunneling Junction Combined with RF Signal	Tadahiro Komeda	Tohoku U Japan
16:30-16:55	Role of steps on resistivity and superconductivity of monolayer 2D metals	Yukio Hasegawa	UTokyo Japan
16:55-17:20	Cross-sectional STM for investigating interface property in heterostructures and future electronics	Ya-Ping Chiu	NTU Taiwan
17:20-17:40	<i>B Break</i>		
Chair: Noriaki Takagi (Kyoto U, Japan)			
17:40-18:05	Imaging and Manipulation of Phase-Separated Lipid Bilayers by Scanning Near-Field Optical Microscopy	Chi Chen	RCAS Taiwan
18:05-18:30	Dynamical Heterogeneity in Low-Dimensional Semiconductors Visualized by Ultrafast Infrared Nano-Imaging	Jun Nishida	IMS Japan
18:30-18:55	Development of single-molecule terahertz-field-driven scanning tunneling luminescence spectroscopy	Kensuke Kimura	RIKEN Japan
18:55-19:00	Closing Remark	Chia-Ming Kuo	NCU Taiwan
19:30-21:30	<i>TJ Banquet</i>		