

Taiwan-Bulgaria Joint Workshop

“Emergent Material Fabrication, Measurement and Applications”

National Chung Cheng University, Chia Yi, Taiwan

14 January 2026

Organizers:

- Department of Electrophysics, National Yang Ming Chiao Tung University, Taiwan
- Institute of Optical Materials and Technologies, Bulgarian Academy of Sciences, Bulgaria

Sponsors:

- Taiwan Physical Society
- Union of Physicists in Bulgaria

Activity	
13:30 ~ 13:35	Opening IOMT-NYCU Project Overview: 台保交流經驗分享 Prof. Vera Marinova – Institute of Optical Materials and Technologies, BAS Prof. Shiuan Huei Lin – Department of Electrophysics, NYCU
13:35 ~ 14:05	Prof. Evgenia Valcheva (Vice president of the Union of Physicists in Bulgaria) Introduction of Bulgarian Physics Society
	Prof. Chia-Ming Kuo , (President of the Taiwan Physics Society) Introduction of Taiwan Physics Society
14:05 ~ 14:35	Prof. Evgenia Valcheva , Faculty of Physics, Sofia University, Bulgaria Electrical transport in graphene based disorder systems
14:35 ~ 15:05	Prof. Shawn-Yu Lin , Physics, School of Science, Rensselaer Polytechnic Institute, USA An Efficient and Wide Angle Coupling of Light to a Thin Film Holographic Optical Element
Coffee break	
15:15 ~ 15:45	Prof. Vera Marinova , Institute of Optical Materials and Technologies, Bulgarian Academy of Sciences, Bulgaria Unlocking the Potential of Information Photonics with 2D Nanomaterials
15:45 ~ 16:15	Prof. Chin-Shan Lue , Department of Physics, National Cheng Kung University, Taiwan Strong Correlation Between TCECM and AISSM
16:15 ~ 16:45	Prof. Hung-Chung Hsueh , Department of Physics, Tamkang University, Taiwan Pioneering Ab-initio Simulations: Unraveling Emergent Physics and Synthesis Blueprints for 2D Quantum Materials
16:45 ~ 17:15	Prof. Shiuan Huei Lin , Department of Electrophysics, National Yang Ming Chiao Tung University, Taiwan Volume-Holographic-Optical-Element Waveguide for Augmented Reality Glasses

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