



NTNU Physics Condensed Matter Workshop

時間: 111 年 7 月 29 日 09:10 - 16:30

地點: S101

參與人員: 物理系老師及研究生

Time	Schedule	Speaker	Title
09:15-09:20	Opening Remark		
09:20-09:40	Session A	林文欽主任	Control of magnetism by hydrogen diffusion
09:40-10:40		葉乃裳教授	Quantum straintronics and nano-optoelectronics/photonics based on van der Waals materials
10:40-11:00	Break		
11:00-11:20	Session B	劉祥麟教授	Explore the electronic excitations of two-dimensional materials
11:20-11:40		張明哲教授	Chiral magnetic effect in Weyl semimetal
11:40-12:00		趙宇強教授	Optoelectronic properties of perovskite materials
12:00-13:20	Lunch		
13:20-13:40	Session C	高賢忠教授	Generalized SSH model
13:40-14:00		江佩勳教授	(1) Quantum Electronics: Trainable Memristors with Quantized Conductance (2) Magnetism & Spintronics: Dzyaloshinskii-Moriya Interaction Observed in Hydrogenated CoPd Thin Films
14:00-14:20		蔡志申教授	異質介面磁性研究
14:20-14:40		陳穎叡教授	Molecular junctions in between CNTs, and more
14:40-15:00	Break		
15:00-15:20	Session D	江府峻教授	A neural network study of various phase transitions
15:20-15:40		陸亭樺教授	Twisted light-layered material interaction: optical characteristics
15:40-16:00		藍彥文教授	Twisted light-layered material interaction: electrical characteristics
16:00-16:20		游至仕教授	Quantum Geometrical and Topological Effects in Condensed Matter Systems
16:20-16:30	Closing Remark		

Enjoy Physics!