凡德瓦異質結構之新穎現象與相關物理

**AVS Taiwan Chapter: Emergent phenomena and related physics in novel van der Waals heterostructures**

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| 時間：2019年1月24日  地點：田家炳會議廳(EO-103)  主持人：邱博文教授 國立清華大學  Time: 24/January/2019  Location: Tin Ka Ping Photonic Building (EO-103)  Chair: Prof. Po-Wen Chiu, National Tsing-Hua University | |
| Time時間 | Events活動內容 |
| 13:00~13:05 | 講者：朱瑾副校長 國立臺灣科技大學  講題：開幕致詞  Speaker: Vice president Jinn P. Chu, NTUST  Title: Opening |
| 13:05~13:35 | 講者：Prof. C. K. Shih, The University of Texas at Austin, USA  講題：Probing and Tuning Interlayer Interactions to Control Electronic and Photonic Properties of 2D Heterostructures  Speaker: Prof. C. K. Shih, The University of Texas at Austin, USA  Title: Probing and Tuning Interlayer Interactions to Control Electronic and Photonic Properties of 2D Heterostructures |
| 13:35~14:05 | 講者：陳家浩博士 國家同步輻射中心  講題：A multiferroic supported monolayer WSe2 *p-n* homojunction  Speaker: Dr. Chia-Hao Chen, NSRRC  Title: A multiferroic supported monolayer WSe2 *p-n* homojunction |
| 14:05~14:35 | 講者：Prof. Shuyun Zhou, Tsinghua University, China  講題：Band structure engineering of monochalcogenides and van der Waals heterostructures  Speaker: Prof. Shuyun Zhou, Tsinghua University, China  Title: Band structure engineering of monochalcogenides and van der Waals heterostructures |
| 14:35-15:05 | 講者：張泰榕教授 國立成功大學  講題：Electronic structures of topological quantum thin-film  Speaker: Prof. Tay-Rong Chang, NCKU  Title: Electronic structures of topological quantum thin-film |
| 15:30-16:00 | 講者：Prof. M. Batzill, University of South Florida, USA  講題：Lattice imperfections in van der Waals materials for introducing functionalities  Speaker: Prof. M. Batzill, University of South Florida, USA  Title: Lattice imperfections in van der Waals materials for introducing functionalities |
| 16:00-16:30 | 講者：李奕賢教授 國立清華大學  講題：Optics of Two-dimensional Monolayer Semiconductors  Speaker: Prof. Yi-Hsien Lee, NTHU  Title: Optics of Two-dimensional Monolayer Semiconductors |
| 16:30-17:00 | 講者：Dr. K. Tsukagoshi, NIMS, Japan  講題：Heterojunction based on atomically thin semiconductor and its application  Speaker: Dr. K. Tsukagoshi, NIMS, Japan  Title: Heterojunction based on atomically thin semiconductor and its application |
| 17:00-17:30 | 講者：朱英豪教授 國立交通大學  講題：van der Waals heteroepitaxy on muscovite  Speaker: Prof. Y. H. Chu, NCTU  Title: van der Waals heteroepitaxy on muscovite |
| 17:30-17:45 | 講者：AVS  講題：AVS publication  Speaker: AVS  Title: AVS publication |