USTC-UT Joint Workshop on 2D Materials

January 6, 2018
Room 9004, HFNL
(理化大楼9004会议室)

UNIVERSITY OF TWENTE.

Co-Chairs:
Prof. Zhenyu Zhang, University of Science and Technology of China (USTC), China
Prof. Harold Zandvliet, University of Twente (UT), The Netherlands

Opening Session	**Chair: Zhenyu Zhang *(USTC)***
9:30~9:45	Zijing Lin (Physics Department Chair, USTC) Harold Zandvliet (UT)
Session I	**Chair: Zhenyu Zhang *(USTC)***
9:45~10:20	A LEEM study of the growth of silicene and hexagonal boron nitride **Bene Poelsema *(UT)***
10:20~10:55	Quantum behavior of graphene plasmons **Changgan Zeng *(USTC)***
10:55~11:20	**Photo & Coffee Break**
Session II	**Chair: Harold Zandvliet *(UT)***
11:20~11:55	Observation of 4π-periodic supercurrent and Zeeman π-junction in Dirac semimetal Josephson junctions **Chuan Li *(UT)***
11:55~12:30	Numerically exact treatments of defect physics in 2D and 3D Dirac electron systems **Qunxiang Li *(USTC)***
Session III	**Chair: Shengyong Qin *(USTC)***
14:00~14:35	Interfaces and edges of TMDCs **Geert Brocks *(UT)***
14:35~15:10	Theoretical design of 2D ferroelectric and multiferroic materials **Wenguang Zhu *(USTC)***
15:10~15:45	Optical and ferroelectric properties of 2D materials and heterostructures **Hualing Zeng *(USTC)***
15:45~16:05	**Coffee Break**
Session IV	**Chair: Zhenyu Li *(USTC)***
16:05~16:40	Germanene: the germanium analogue of graphene **Harold Zandvliet *(UT)***
16:40~17:15	Surface-based 2D topological materials **Zhengfei Wang *(USTC)***
17:15~17:50	2D Materials: from structural control to property optimization **Zhenyu Zhang *(USTC)***
17:50~18:00	Concluding Remarks **Harold Zandvliet *(UT)* & Zhenyu Zhang *(USTC)***

ICQD
International Center for Quantum Design of Functional Materials

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