

**O 108: Overview Talk: Shuyun Zhou**

Time: Friday 9:30–10:15

Location: HE 101

**Invited Talk**

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**Electronic structure of two-dimensional materials revealed by angle-resolved photoemission spectroscopy (ARPES) and Nano-ARPES** — ●SHUYUN ZHOU — Tsinghua University, Beijing, China 100084

Transition metal dichalcogenides (TMDCs) are important for both

their intriguing physics and potential applications. Revealing the electronic and spin structure is critical for understanding the physical properties as well as exploring their potential applications. Here I will present our experimental investigations on the electronic structures of a few TMDCs using advanced electron spectroscopies, including angle-resolved photoemission spectroscopy, Nano-ARPES and spin-resolved ARPES.