

November 5-8, 2025: Hands-On Workshop at Shanghai University

Time	Wednesday November 5, 2025	Thursday November 6, 2025	Friday November 7, 2025	Saturday November 8, 2025	Time
09:00 - 10:00	09:00 - 10:00: Registration and Coffee	09:00 - 10:00: Yair Litman: <i>Phonons and Ab Initio Molecular Dynamics</i>	09:00 - 10:00: Xinguo Ren: <i>Introduction to the GW Approximation for Excited States</i>	09:00 - 13:00: Hands-On Tutorial 4: <i>Artificial intelligence methods for materials science</i>	09:00 - 10:00
10:00 - 11:00	10:00 - 10:30: Introductory Remarks	10:00 - 10:30: Break	10:00 - 10:30: Break		10:00 - 11:00
	10:30 - 11:30: Xingao Gong: <i>Introduction to Electronic-Structure Theory and DFT</i>	10:30 - 11:30: Jiong Yang: <i>Introduction to Electron and Phonon Transport</i>	10:30 - 11:30: Lucas Foppa: <i>Big-Data Analytics and Machine Learning for Materials Science</i>		11:00 - 12:00
11:00 - 12:00	11:30 - 12:30: MS1P Team: <i>The Basics of FHI-aims</i>	11:30 - 12:30: Matthias Scheffler: <i>Modeling Heat and Charge Transport for Strongly Anharmonic Materials</i>	11:30 - 12:30: Yong Xu: <i>Challenges and Opportunities for Machine Learning of the Electronic Structure</i>		12:00 - 13:00
12:00 - 13:00					
13:00 - 14:00	12:30 - 14:00: Lunch Break	12:30 - 14:00: Lunch Break	12:30 - 14:00: Lunch Break	13:00 - 14:30: Lunch Break	13:00 - 14:00
14:00 - 15:00	14:00 - 17:00: Hands-On Tutorial 1: <i>The Basics of Electronic Structure Theory</i>	14:00 - 18:00: Hands-On Tutorial 2: <i>Thermal and Electrical Transport Calculations</i>	14:00 - 18:00: Hands-On Tutorial 3: <i>Excited State Calculations for Non-Periodic and Periodic Systems</i>	Joint Farewell	14:00 - 15:00
15:00 - 16:00					15:00 - 16:00
16:00 - 17:00					16:00 - 17:00
17:00 - 18:00	17:00 - 20:00: Poster Party, Get-Together and Dinner	18:00 - 20:00: Dinner	18:00 - 20:00: External Conference Dinner		17:00 - 18:00
18:00 - 19:00					18:00 - 19:00
19:00 - 20:00				19:00 - 20:00	