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Workshop on Twistronics and Moiré Materials: Bridging Theory and Experiments | (smr 3918)

Tuesday 16 January 2024

- Kastler Lecture Hall (AGH) (09:00-17:30)

time	title	presenter
09:00	Twisted multilayer graphene revisited: where is the “magic”?	EFTHIMIOS KAXIRAS
10:00	Superconductivity and Strong Correlations in (un-)Twisted Graphene Multilayer Structures	STEVAN NADJ-PERGE
11:00	Coffee Break	
11:30	Atomic relaxation effects in twisted bilayers: insights from large-scale first-principles calculations	GIOVANNI CANTELE
12:30	Lunch Break	
14:00	Kinetic magnetism in moire materials	ATAC IMAMOGLU
15:00	Moiré Buckling Transition and Bending Stiffness Collapse of Twisted Bilayer Graphene	JIN WANG
15:30	Coffee Break	
16:00	Helical trilayer graphene and superconductivity in heterobilayer TMDs	DANIELE GUERCI
17:00	Moiré-induced non-linearities: From multi-photon resonance to translational symmetry breaking in driven-dissipative moiré systems	ARTURO CAMACHO GUARDIAN