










The Chinese University of Hong Kong
Department of Physics

Summer Research Internship Scheme 2024

List of Projects

No.	Project title	Theoretical (T) / Experimental (E)	Offered by
1	Magnetotransport studies of 2D materials	E	Prof. Swee Kuan Goh 
2	LIGO-Virgo-Kagra gravitational-wave research program	T	Prof. Otto Hannuksela 
3	To be announced	E	Prof. Yufan Li 
4	Perovskite solar cells	E	Prof. Xinhui Lu 
5	Organic solar cells	E	
6	Astro-particle physics	T	Prof. Kenny C. Y. Ng 
7	Laser and electronics instrumentation for ultracold atoms	E	Prof. Dajun Wang 
8	Plasmonic control of 2D excitons	E	Prof. Jianfang Wang 
9	Artificial nitrogen fixation	E	
10	Spectroscopy studies of electron-phonon coupling in correlated systems	E	Prof. Qisi Wang 
11	Physics of living matter: from single cell motion to emergent behaviors	E	Prof. Yilin Wu 
12	Engineering life-like autonomous materials with mechanical functions	E	
13	Low dimensional systems with the help of machine learning approach	T	Prof. Junyi Zhu 