

HKU Summer Research Programme 2024

List of Potential Mentors

Faculty / Interdisciplinary Area:

Faculty of Architecture

	Department / Discipline	Title	Last Name	First Name	Contact Email	Personal Homepage	Research Area(s) / Topic(s)	Remarks
1	Real Estate and Construction	Dr	CHOY	Lennon	lennonchoy@hku.hk	https://www.arch.hku.hk/staff/research/choy-lennon-h-t/	Institutional Analysis for Urban Studies; Real Estate Economics and Finance	
2	Real Estate and Construction	Dr	XUE	Fan Frank	xuef@hku.hk	https://frankxue.com/	LiDAR processing; Time-dynamic 4D point cloud video; Zero-knowledge proof in construction; Simulation-based optimization for generative design; Graph Machine Learning of the built environment; Optical computing of point clouds	
3	Real Estate and Construction	Dr	ZHU	Jin	jinzhu@hku.hk	https://www.arch.hku.hk/staff/research/zhu-jin	Housing Studies; Urban Planning and Governance; Rural and Peri-urban Studies	
4	Urban Planning and Design	Dr	GUO	Cui	cuiguo@hku.hk	https://www.arch.hku.hk/staff/urbanplanning/guo-cui/	Environmental Health; Healthy City	
5	Urban Planning and Design	Dr	YANG	Tianren	tianren@hku.hk	https://www.arch.hku.hk/staff/urbanplanning/yang-tianren/	Computational urban models (e.g. big data analytics and modelling); Urban spatial structure and travel (e.g. new town developments); Planning support systems for decision-making (e.g. Generative AI)	
6	Urban Planning and Design	Dr	ZHOU	Yulun	yulunzhou@hku.hk	https://www.arch.hku.hk/staff/urbanplanning/zhou-yulun/	Smart City Big Data and AI	
7	Urban Planning and Design	Professor	HE	Shenjing	sjhe@hku.hk	https://www.arch.hku.hk/staff/urbanplanning/he-shenjing/	Housing inequalities; Health geography; Urban governance; Urban (re)development	
8	Urban Planning and Design	Dr	LI	Weifeng	wfli@hku.hk	https://www.arch.hku.hk/staff/urbanplanning/li-weifeng/	Environmental Sustainability; Air pollution and environmental inequalities; Urban resilience	