

SJTU-Warwick Joint Seed Fund 2023-24: Awards

SJTU Department	SJTU PI	Warwick Department	Warwick PI	Project Title
Institute of Natural Sciences and School of Mathematical Sciences	Lei Zhang	Engineering	James Kermode	Mathematical analysis, modeling and simulation of materials defects
Materials Science and Engineering	Wenpei Gao	Physics	Peng Wang	Temperature and thermal properties characterization at the atomic-nanometer scale using transmission electron microscopy
School of Humanities	Donglai Shi	School of Modern Languages and Cultures	Jane Qian Liu	Chinese British Writers and the Practice of World Literature
KoGuan School of Law	Jiajia YU	Law	Sharifah Sekalala	A Comparative Perspective to Data Protection Law on Healthcare in the UK and China
Tsung Dao Lee Institute	Donglian Xu	Physics	Xianguo Lu	State-of-the-art High Energy Neutrino Interaction Modelling for TRIDENT
USC-SJTU Institute of Cultural and Creative Industry (ICCI)	Geoffrey Alan Rhodes	WMG	Jianhua Yang	A 'Genetic Ontology' of Immersive Media for Museums
School of Materials Science and Engineering	Leyun Wang	WMG	Ishwar Kapoor	Machine learning study of HSLA steels for the automobile industry
School of Education	Hai Min DAI	Education Studies	Chris Brown	An investigation of the sustainable use of smart learning technologies in the human-AI hybrid settings
Mechanical Engineering	Qian Wang	Engineering	Petr Dennisenko	3D bubble and flow dynamics for hydrogen production in Alkaline water electrolyzers
USC-SJTU Institute of Cultural and Creative Industry (ICCI)	XU YI	Psychology	Thomas Hills	Solutions to Collective Action Problems: A cross-country study