

### SJTU-Warwick Joint Seed Fund 2022-23: Awards

SJTU Department	SJTU PI	Warwick Department	Warwick PI	Project Title
School of Environmental Science and Engineering	Yixin Zhao	Chemistry	Richard Walton	New Chemical Approaches for Catalyst Materials in Clean Energy Applications
Tsung-Dao Lee Institute	Fabo Feng	Physics	David Armstrong	Developing general classification algorithm for time-domain astronomy
School of Materials Science and Engineering	Qudong Wang	WMG	Dezhi Li	Fundamental study on the high-pressure die-casting process, microstructure and property, and the joinability of high strength and high toughness aluminium casting alloys lightweighting applications
School of Agriculture and Biology	Ronghou Liu	School of Engineering	Shanwen Tao	Reaction mechanism of catalytic co-pyrolysis of biomass and waste plastics for the production of aromatics-rich bio-oil
School of Foreign Languages	Biwu Shang	School of Modern Languages and Cultures	Sean Hand	Core Issues and Critical Debates in Contemporary Literary Theory
School of Naval Architecture, Ocean & Civil Engineering	Bing Chen	School of Engineering	Mohammad Rezania	Synthesis of a new phosphate-based cement from coal tailing and optimizing of its mixes' rheology for three-dimension printing of concrete
School of International and Public Affairs	Ruolin SU	Department of Sociology	Azrini Wahidin	Learning Peace from War: War Experience and the Public Peace Perception
Antai College of Economics and Management	Lu Wei	Warwick Business School	Miaolei Jia	How Content Marketing Influences Consumer Purchase Decisions – A Machine Learning Approach
China-UK Low Carbon College	Ya Ji	WMG	John Low	Converting Low-grade Waste Heat to Electricity (H2E)