

List of Projects Jointly Funded by NSFC and RS in 2011

According to the agreement between the National Natural Science Foundation of China (NSFC) and the Royal Society of UK (RS), NSFC and RS jointly support exchange programs in 2011. After evaluation and consultation, 14 projects are approved:

No.	Project Name	Chinese PI Chinese Affiliation	English PI English Affiliation
1	Femtosecond Laser Inscribed Active Optical Waveguides in Vanadate Laser Crystals	Feng CHEN Shandong University	Ajoy Kar Heriot-Watt University
2	NMR Studies of Nanomaterials and the Role of Oxygen in Catalytic Processes	Luming PENG Nanjing University	Clare Grey University of Cambridge
3	Mechanochemical Synthesis of Metal-Organic Frameworks	Wenbing YUAN Hainan University	Stuart James Queen's University Belfast
4	A Study on the Mechanisms of Pile Failure during Seismic Liquefaction	Yu HUANG Tongji University	Subhamoy Bhattacharya University of Bristol
5	On Bottom Stability of Sumarine Pipeline due to Wave-Induced Liquefaction	Xianglian ZHOU Shanghai Jiao Tong University	Dong-Sheng Jeng University of Dundee
6	The self-assemblage of Tropism Structural Conductive Nanofibre/hydrogels and the Response to Bio-Electricity	Yudong ZHENG University of Science and Technology Beijing	Asim Ray Brunel University
7	Stress Wave Propagation in Damaged Rock	Wancheng ZHU Northeastern University	Qingming Li University of Manchester
8	Increased Robustness and Practicability for Physical Modeling in Computer Graphics	Yongjin LIU Tsinghua University	Chenfeng Li Swansea University
9	Integrated Technique for Fast and Physics-Based Character Modeling and Animation	Xiaogang JIN Zhejiang University	Lihua You Bournemouth University
10	Grey System Theory and Computational Intelligence	Sifeng LIU Nanjing University of Aeronautics and Astronautics	Yingjie Yang De Monfort University
11	Investigation of Growth Factors in Chronic Thromboembolic Pulmonary Hypertension	Jun WANG Capital Medical University	Lan Zhao Imperial College London
12	Functional Roles of Olfactory Receptors and Odorant Binding Proteins in Wasp Microplitis Mediator	Yuyuan GUO Institute of Plant Protection, Chinese Academy of Agricultural Sciences	JingJiang Zhou Rothamsted Research
13	Biomimetic Motion Learning Control of Robotic Exoskeleton Interacting with Human	Zhijun LI Shanghai Jiao Tong University	Etienne Burdet Imperial College London
14	Physiological Consequences of Cardiac Na ⁺ Channel Mutations	Aiqun MA Xian Jiaotong University	James Fraser University of Cambridge