

List of Cooperative Projects Funded Jointly by NSFC and NRF of Korea in 2010

Approved by the 14th meeting of Joint Committee of Sino-Korean on Science 30 cooperative projects between China and Korea have been included in the bilateral cooperative agreement between NSFC and NRF of Korea. Among them there are 19 projects of cooperative and exchange activities, each for 2 years, and 11 bilateral workshops. The following is the list of the projects.

1. The List of Selection of Joint Research Projects (19 projects)

No.	Field	Collaborating Scientists/ Institutes	Title
1	Math & Physics	Linsheng YIN, Professor Tsinghua University	Artin L-functions of Quasi-cyclotomic Fields and Quasi-cyclotomic Function Fields 2010. 7. 1—2012. 6. 30
		Sunghan BAE, Professor Korea Advanced Institute of Science and Technology	
2	Math & Physics	Qinzhi FANG, Professor Xi'an Jiaotong University	Deformation Properties of Amorphous Polymers Under Complex Stress State (Strength Properties of Nacre Under Tension and Fatigue Loading) 2010. 7. 1—2012. 6. 30
		Hyeon Gyu BEOM, Professor Inha University	
3	Math & Physics (Information Sciences)	Zhuo ZHUANG, Professor Tsinghua University	Parallel Crack Propagation Analysis based on DIAMOND/IPSAP and X-FEM 2010. 7. 1—2012. 6. 30
		Seung Jo KIM, Professor Seoul National University	
4	Math & Physics	Zhanghai CHEN, Professor Fudan University	Quantum Photonics Using Low-dimensional Wide-band-gap Semiconductor Nanostructures 2010. 7. 1—2012. 6. 30
		Yong-Hoon CHO, Professor Korea Advanced Institute of Science and Technology	
5	Chemistry	Hongyuan YAN, Associate Professor Hebei University	Synthesis, Characterization and Performance Evaluation of New Nano-micro Porous Structure Functional Separation Materials 2010. 7. 1—2012. 6. 30
		Kyung Ho ROW, Professor Inha University	
6	Chemistry	Zhiming LIU, Professor Beijing University of Chemical Technology	Selective Catalytic Reduction of NO _x Over Pt-based Alloy Catalysts 2010. 7. 1—2012. 6. 30
		Seong Ihl WOO, Professor Korea Advanced Institute of Science and Technology	
7	Life Sciences	Zixin DENG, Professor Shanghai Jiao Tong University	Biosynthetic Mechanism of Candicidin/FR-008 and Structural Diversity (Mechanism Characterization for FR008-like Polyene Structural Variation from Newly-isolated Streptomyces Species) 2010. 7. 1—2012. 6. 30
		Eung-Soo KIM, Professor Inha University, Department of Biological Engineering	
8	Life Sciences	Zhexue QUAN, Associate Professor Fudan University	Investigation of Pollutant Contamination and Bioremediation Potential in Tide Flats and Seawater Neighboring on The Yellow Sea 2010. 7. 1—2012. 6. 30
		Che Ok JEON, Associate Professor Chung-Ang University	

No.	Field	Collaborating Scientists/ Institutes	Title
9	Life Sciences	Zigang GE, Professor Peking University	Characterization and Biological Assessment of Novel Functional Scaffolds for Cartilage Regeneration 2010. 7. 1—2012. 6. 30
		Gonhyung KIM, Assistant Professor Chungbuk National University	
10	Earth Sciences	Bin XUE, Professor Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences	Long- and Short-term Lake-catchment Land Surface Environment Changes in Response to Natural and Human Impact for East China and Korea Region During the Late Holocene Period 2010. 7. 1—2012. 6. 30
		Sangheon YI, Professor Korea Institute of Geoscience & Mineral Resources (KIGAM)	
11	Earth Sciences	Xiangdong WANG, Professor Nanging Institute of Geology and paleontology, CAS	Comparative Researches on Paleontology and Sedimentology of the Paleozoic Sequences between Korean Peninsula and South China 2010. 7. 1—2012. 6. 30
		Suk-Joo CHOH, Assistant Professor Korea University	
12	Earth Sciences	Yanjun SHANG, Professor Institute of Geology and Geophysics, Chinese Academy of Sciences	Classification of Weathering Zone of Rock Mass for Large-scale Underground Construction Projects (Identification of Unfavorable Geological Conditions Using Reflectance Spectroscopy For Underground Construction Activities) 2010. 7. 1—2012. 6. 30
		Hyeong-Dong PARK, Professor Seoul National University	
13	Engineering & Materials (Chemistry)	Binyuan LIU, Professor Hebei University of Technology	Conversion of Carbon Dioxide by Using Novel Metal Complex and Ionic Liquid Catalysts 2010. 7. 1—2012. 6. 30
		Dae-won PARK, Professor Pusan National University	
14	Engineering & Materials	Hao DU, Associate Professor Institute of Process Engineering, Chinese Academy of Sciences	A Fundamental Study on the Reactivity of Lithium and Lithium Compounds in Spent Lithium Battery(A Study on the Reactivity of Lithium and Lithium Compounds) 2010. 7. 1—2012. 6. 30
		Namsu KIM, Associate Professor Seokyeong University	
15	Engineering & Materials	Mingyu LI, Professor Harbin Institute of Technology	Localized Heating and Interconnecting Mechanism of Film Materials By Induction For MEMS Post Low Temperature Packaging 2010. 7. 1—2012. 6. 30
		Jongmyung KIM, Associate Professor Jeonnan Provincial College	
16	Information Sciences	Wendong ZHANG, Professor North University of China	Efficient VLSI Implementation of Self-adaptive Intelligent (Triple-axis Accelerometer) Sensor System 2010. 7. 1—2012. 6. 30
		Jun Dong CHO, Professor Sung Kyun Kwan University	
17	Information Sciences (Engineering & Materials)	Shixun DAI, Professor Ningbo University	Efficient Mid-infrared Emission of Nanocrystalline Chalcohalide Glasses 2010. 7. 1—2012. 6. 30
		Jong HEO, Professor Pohang University of Science & Technology	
18	Management Sciences	Mingzhi LI, Associate Professor Tsinghua University	Comparison of Mobile Service Adoption and Usage between Chinese and Korean Users 2010. 7. 1—2012. 6. 30
		Jong Woo KIM, Professor Hanyang University	
19	Medical Sciences	Xianglan PIAO, Associate Professor The Central University for Nationalities	Analysis of Geographical Factor on The Origin Discrimination of Crude Drugs Between Korea and China by Chromatographic and Chemical Fingerprinting Studies 2010. 7. 1—2012. 6. 30
		Joung Pyo JANG Associate Professor Kyung Hee University	

2. The List of Selection for Joint Seminars (11 projects)

NO	Field	Collaborating	Title/Period/Place
		Scientists/Institute	
1	Math & Physics	Chang LIU, Professor Wuhan University	5th China-Korea Symposium on Advanced Functional Films for Information Aug. 17—21, 2010 Ulsan, Korea
		Chang Kwon HWANGBO, Professor Inha University	
2	Math & Physics	Yuanjing LI, Professor Tsinghua University	China-Korea Seminar on Dark Matter Search and Double Beta Decay Aug. 13—17, 2010 Xichuang, China
		Hongjoo KIM, Professor Kyungpook National University	
3	Chemistry	Xiaoliu LI, Professor Hebei University	The 3rd China-Korea Joint Symposium on Frontier of Drug Synthesis June. 28—Jul. 1, 2010 Baoding, China
		Kwang-Hyun AHN, Professor Kyung Hee University	
4	Life Sciences	Lirong SONG, Professor Institute of Hydrobiology, CAS	Recent Progresses on Resource Preservation and Exploitation of Microbia and Algae (Joint Seminar for collaboration among Research Re- source Centers in Korea and China) Sept. 26—28, 2010 Wuhan, China
		Yeonhee LEE, Professor Korea National Research Resource Center (KN- RRC)	
5	Life Sciences	Lizhi ZHOU, Professor Anhui University	Symposium on Conservation of Oriental White Stork's Habitats and Population in China and Korea Dec. 10—14, 2010 Hefei, China
		Shi Ryong PARK, Professor Korea National University of Education	
6	Earth Sciences	Ji SHEN, Professor Nanjing Institute of Geography and Limnology, CAS	Present Earth Surface Processes and Long- term Environmental Changes in East Asia Oct. 6—10, 2010 Jeju Island, Korea
		Yang Dong YOON, Professor Korea Institute of Geosciences and Mineral Re- sources	
7	Engineering & Materials (Earth Sciences)	Wentao REN, Professor Shenyang Agricultural University	The Development and Prospect of Agricul- tural Engineering in Northeast Asia Aug. 10—18, 2010 Seoul, Korea
		In-Bok LEE, Associate professor Seoul National University	
8	Engineering & Materials	Lin DUANMU, Professor Dalian University of Technology	Joint Seminar of Advances on Human Ther- mal Comfort (Joint Seminar of Advances on Human Thermal Comfort and Building En- ergy Conservation) Aug. 4—6, 2010 Seoul, Korea
		KwangWoo KIM, Professor Seoul National University	
9	Information Sciences (Life Sciences)	Ning GU, Professor Southeast University	The 8th China-Korea Symposium on Bioma- terials and Nano-Bio Technology Dec. 13—17, 2010 Pyeongchang, Korea
		In-Seop LEE, Research Professor Yonsei University	
10	Management Sciences	Zhen HE, Professor Tianjin University (Jichao XU, Zhongyuan Univ. of Technology)	The 9th Sino-Korean Symposium of Quality Aug. 10—12, 2010 Shengyang, China
		Jai-Hyun BYUN, Professor Gyeongsang National University	
11	Medical Sciences	Gao LI, Professor Yanbian University	Korea-China Joint Symposium on Natural Resources and Folk Medicines in the Chang- bai Mountain Areas Aug. 27—Sept. 1, 2010 Yanji, China
		Hyeun Wook CHANG, Professor Yeungnam University	