

Approved NSFC-JSPS Joint Projects and Joint Seminars for FY2011

Based on the MOU between NSFC and JSPS, the following 10 joint projects and 4 joint seminars are selected for support. The period of joint projects is from April 2011 to December 2013.

No.	Research Field	Chinese Applicant/Institution	Japanese Applicant/Institution	Project Title
A: Joint Projects				
1	Math & Physics	Wang Wei Nanjing University	Shoji Takada Kyoto University	Hierarchic theories and computational methods for fluctuation-driven functioning of biomolecules
2	Math & Physics	Tian Rong Chinese Academy of Sciences	Seiichi Koshizuka The University of Tokyo	Scalable algorithms for petscale particle/freemesh simulation
3	Math & Physics	Chang Jin Chinese Academy of Sciences	Shoji Torii Waseda University	Dark Matter Search in Space
4	Chemistry	Xiong Rengen Southeast University	Takayoshi Nakamura Hokkaido University	The Discovery and Investigation of Compounds with Ferroelectric and High Dielectric Constant
5	Chemistry	Wang Zonghua Qingdao University	Jie Tang National Institute for Materials Science	Fabrication of micro electrochemical biosensors based on carbon nanotubes/quantum dots nanofiber for detection of protein
6	Life Sciences	Cai Wanzhi China Agricultural University	Osamu Tadauchi Kyushu University	Studies on the diversity and phylogenetic relationships of Chinese and Japanese insects by using DNA barcoding and related methods
7	Earth Sciences	Zheng Hongbo Nanjing University	Ryuji Tada The University of Tokyo	Pattern and variability of hydrological cycles in east Asia associated with East Asian monsoon during the Holocene
8	Engineering & Materials	Zhang Guojun Chinese Academy of Sciences	Yoshio Sakka National Institute for Materials Science	Texturization and Material Property Optimization of Boride Ceramics via Strong Magnetic Field Alignment
9	Information Sciences	Zeng Lijiang Tsinghua University	Wei Gao Tohoku University	3D displacement measurement within large area based on mosaic crossed grating
10	Information Sciences	Zhang Liqing Shanghai Jiao Tong University	Jianting Cao Saitama Institute of Technology	Study on Brain Computer Interface and Motor Functional Rehabilitation

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B: Joint Seminars				
11	Math & Physics	Huang Feimin	Yoshiyuki Kagei	Third China-Japan workshop on Mathematical Topics from Fluid Mechanics
		Chinese Academy of Sciences	Kyushu University	
12	Chemistry	Zhao Jianwei	Manabu Kiguchi	The current and future molecular electronics
		Nanjing University	Tokyo Institute of Technology	
13	Life Sciences	Liu Dingzhen	Sonoko Ogawa	Sino-Japan Symposium: Frontiers in Behavior and its Neuro-mechanisms
		Beijing Normal University	University of Tsukuba	
14	Information Sciences	Zhou Huarong	Katsuhisa Horimoto	The 5th International Conference on Computational Systems Biology
		Chinese Academy of Sciences	National Institute of Advanced Industrial Science and Technology	