

# NSFC Announced Approved Cooperative Projects with France and Germany

NSFC announced lists of approved cooperative projects with France and Germany on July 29. Among them, 12 projects are jointly funded with Agence Nationale de Recherche (ANR), and four with DFG.

In 2009, NSFC and ANR plan to fund jointly research projects in material and engineering and information and communication areas (including nano science). After calling for applications and review, there are 12 projects to be funded in 2009.

The list of the projects is:

PI's and institution		Name of application
1	Liu Baoli Institute of Physics, CAS	Experimental studies of self spin transport and self spin control in 2-D semiconductor nano structures
	Xavier Marie Laboratory of Physics, Chemistry of Nano-Objects, National Institute for Applied Science-Toulouse, France	
2	Li Jie Institute of Physics, CAS	Control of electron order on nanometer scale
	ALEXANDRE ZIMMERS University of Paris VI	
3	Xu Weiya Hohai University	Anisotropic rock mechanics research
	Jianfu Shao LML, CNRS, University des Science et Technologie de Lille	
4	Ren Zhongming Shanghai University	Basic research on micro organization and performance of materials optimized by strong magnetic field
	Fautrelle Yves INPG Grenoble, France	
5	Sun Wenhua Institute of Chemistry, CAS	Carbon nano tube loading catalyst for ethylene polymerization
	Jerome Durand Laboratoire de chimie de coordination, CNRS, TOULOUSE, FRANCE	
6	Chen Guangwen Dalian Institute of Chemical Physics, CAS	Studies on strengthening behavior of gas liquid transport process in micro reactors
	Joelle Aubin Laboratoire de Genie Chimique de Toulouse, France	
7	Xu Dongsheng Institute of Metal Research, CAS	Atomic simulation of basic plastic process of metal and alloy
	Patrick Veyssiere LEM, CNRS-ONERA	
8	Yong Junhai Tsinghua University	Shape formation: new theory and new algorithm
	Jean-Claude Paul INRIA	

PI's and institution		Name of application
9	Shu Huazhong Southeast University	Research on image guidance and bio optimization in precision radioactive therapy
	DE CREVOISIER Renaud University of Rennes 1	
10	Zhi Lihong Academy of Mathematics and Systems Science, CAS	Accurate and trusted computation of algebraic system
	Fabrice Rouillier INRIA, LIP6	
11	Luo Jianhua Shanghai Jiaotong University	Research on fast imaging of living heart by diffusion tensor
	Yue-min Zhu INSA Lyon, France	
12	Wu Yongwei Tsinghua University	Studies on distributive programming model based on heterogeneous poly nuclei
	Denis Caromel INRIA, French national institute for research in computer science and control	

In 2009, NSFC and DFG plan to fund jointly research projects in “molecular principles of stem cell biology”. After calling for applications and review, there are four projects to be funded in 2009.

The list of the projects is:

PI's and institution		Name of application
1	Jin Ying Shanghai Jiaotong University	Studies on transcription regulation and protein stability mechanism of stem cells
	Michael Meisterernst Institute of Molecular Tumor Biology	
2	Liu Bing Academy of Military Medical Sciences of PLA	Experimental studies on regulation of hematopoietic differentiation of multi energy stem cells by HoxB4 and micro environmental factors
	Hannes Klump University Hospital Essen, Institute for Transfusion Medicine	
3	Zhao Chunhua Institute of Basic Medical Science, Chinese Academy of Medical Sciences	Programming and reprogramming functions of inter charging stem cells
	Martin Zenke RWTH University	
4	Wu Wei Tsinghua University	Identification of and research on nervous differentiation regulation factors in planarian regeneration
	Kerstin Bartscherer University of Heidelberg/Medical Faculty Mannheim/CBTM	