ANR-NSFC Joint Workshop 2012

Wednesday 19 September

08:30   **Registration and Welcome**

09:00   **Introduction (plenary session)**

	Session 1			Session 2	
09:20	**SIVES** - A simulation and verification based platform for developing embedded system	Frédéric Blanqui Fei He	09:15	**Multiple Impact** - Modelling and Simulation of Multiple Impacts in Multibody Systems	Bernard Brogliato Caishan Liu
09:55	**EXACTA** - Exact/Certified Computation with Algebraic Systems	Dongming-Rouiller Wang Jinsan Cheng	09:50	**ATOPLAST** - Atomic-scale simulations of elementary plasticity processes in metals and alloys	David Rodney Dongsheng Xu Hao Wang

10:30   **Coffee break**

	Session 1			Session 2	
10:50	**FADIHEART** - Fast acquisition techniques for diffusion tensor magnetic resonance imaging of the human heart in-vivo	Yuemin Zhu Jianhua Luo	10:45	**melani** - Multi-scale modelling of time dependent behaviour of anisotropic geomaterials	Jianfu Shao Weiya Xu
11:25	**MCorePHP** - Multi-Core Paralle Heterogeneous Programming	Chen Kang	11:20	**OPTIMAG** - Optimization of microstructures and properties by Electromagnetic Processing of Materials (EPM)	Claude Esling Zhongming Ren
12:00	**SHAN** - Shape Modeling: New Theories and Algorithms	Jean-Claude Paul Kanle Shi	11:55	**COBMUL** - New Co-based multilayer materials for optics applications in the EUV range	Philippe Jonnard Zhanshan Wang

12:35 - 14:00   **Lunch**

14:00	**TIGRE** - optimization of Tumour Image Guided RadiothErapy	Renaud de Crevoisier Jian Zhu			
14:35	**3D Face Analyser** - 3D face-based Automatic recognition of facial attributes (expressions, age, gender, ethnicity)	Liming Chen Yunhong Wang	14:35	**COMAGNET** - Growth of Co-based magnetic films by high magnetic field assisted pulsed electrodeposition	Jean-Paul Chopart Qiang Wang Donggang LI
15:10	**EBONSI** - Extended Block-Oriented Nonlinear System Identification	Qinghua Zhang	15:10	**CURIE-TSINGHUA** - Biomimetic responsive surfaces made of liquid crystalline elastomers: construction and function exploration	Patrick Keller Xiaogong Wang

15:45   Coffee break

16:10	**FIREFLIES** - Flexible Relaying in Interference-Limited Cellular Network	Mérouane Debbah Lingyang Song	16:10	**HSynThEx** - Effect of He, H and their synergy on bcc metal systems of fusion interest: a combined theoretical experimental study	Chu Chun Fu LV Guanghong
16:45	**Pflower** - Parallel Flow Recognition with Multi-Core Processor	Kavé Salamatian Kun Huang	16:45	**NanoBioCarbonate** - Organic control on nanostructured biomaterials, biomimetic example of otoliths and freshwater pearls	Xavier Bourrat Qingling Feng
17:20	**QUASIMODO** - QUAlity of ServIce for wireless sensor network and Mobile Objects – parameter aDaptatiOn	Ye-Qiong Song Chen Jiming Yang Qinmin	17:20	**Synapp** - Synthesis of the carbon nanotubes/graphene hybrid architectures and their applications in Lithium ion battery and multifunctional composites	Jinbo Bai Hui Wang Gang Wang

17:55   Conclusions (plenary session)
19:00   Diner

Thursday 20 September 2012

08:30   Registration and Welcome
09:00   Introduction (plenary session)

	Session 1			**Session 2**	
09:20	**XIMRI** - Information Extraction and Interpretation for multi-scale Remotely Sensed Imagery	Jocelyn Chanussot Xin Huang Bin Luo	09:15	**T-Shock** - Experimental-Theoretical-Numerical Studies on the Fracture in Ceramic Materials by Thermal Shock	Jia Li Xianghong Xu
09:55	**Locali** - Logical Approach to Novel Computational Paradigms	Gilles Dowek Ying Jiang	09:50	**France-Chine Implants** - France-China Consortium for conception, fabrication and testing of new biocompatible implants made of vitrified metals	Tao Zhang

10:30   Coffee break

10:50	**Pretiv** - Multimodal perception and reasoning for transnational intelligent vehicles.	Franck Davoine Huijing Zhao	10:45	**InTail** - Interface tailoring for charge injection control in electrically insulating polymers	Gilbert Teyssèdre Ni Zhao
11:25	**Greencocom** - GREEN COoperative COMmunications for Body Area Networks	Benoît Geller Wen Chen	11:20	**CANAPE** - Carbon Nanotubes Supported Catalysts for Polymerization of Ethylene	Jérôme Durand SUN Wen-Hua Wenjuan Zhang
12:00	**PEDO COTESOF** - Particle Emission and Deposition Over COmplex TErrain for SOil Fixation	Serge Simoens	11:55	**CAMELEON** - Controling And Manipulating ELEctronic Orders on the Nanoscale	Alexandre Zimmers Jie Li

12:35 - 14:00 **Lunch**

14:00	**RISMOGEO** - Risk-based selection of constitutive models for geotechnical analysis	Pierre-Yves Hicher Hongwei Huang	14:00	**SPINMAN** - Spin Manipulation and Spin Transport in Semiconductor Two-Dimensional Nanostructures	Xavier Marie Baoli Liu
14:35	**MIGALI** - Microreactors for Intensifying Gas-Liquid Transport Phenomena	Joëlle Aubin	14:35	**SISTER** - Electrical control of spin injection in spin-LEDs via spin-transfer effect without magnetic field	Yuan Lu Bo Xu
15:10	**PROMET** - Anaerobic process for the sludge treatment and methane valorisation: multiscale approach	Huai Zhi LI Jing Wu	15:10	**SANAM** - Self-assembly of nanoparticles and micro-nanoparticles composite structure formation	Claude Henry Long Jiang Fanqi Qu

15:45 **Coffee break**

16:10	**AXIOOM** - Advanced Experiments and Simulations of Complex Flows in Turbomachines	Xavier Ottavy	16:10	**QuExSuperC** - Quantum Experiments with Superconducting Circuits	Olivier Buisson Dongning Zheng
16:45	**OLSYNCAT** - Novel Catalytic Materials and Intensified Processes for Olefin Synthesis from Syngas Produced from Biomass or Coal	Andrei Khodakov Weiping Deng	16:45	**PWTELEMAN** - Beijing(Pékin) -Wuxi-Toulouse-Erlangen-Le Mans collaboration on Time dependent Electronic dynamics in Molecules And Nanosystems	Florent Calvayrac Fengshou Zhang

17:20 **Conclusions (plenary session)**