



Association des Scientifiques
et des Ingénieurs Chinois en France

The second ASICEF Workshop on Interdisciplinary Research Topics
2ème Journée de l'ASICEF en Sciences Interdisciplinaires
全法中国科技工作者协会第二届交叉科学研讨会



Date: 14th June 2008

Address: 29 rue de la Glacière, 75013 Paris

The second ASICEF Workshop on Interdisciplinary Research Topics
2ème Journée de l'ASICEF en Sciences Interdisciplinaires
全法中国科技工作者协会第二届交叉科学研讨会

Organizer : Association des Scientifiques et des Ingénieurs Chinois en France (ASICEF)

Organizing committee:

- Chairmen: CHEN Yong, ZHANG Yongmin
- Members: AN Shaokang, BAI Jinbo, DAI Tianhua, DONG Changzhi, LI Hao, LI Minhui, LI Zheng, LU Yunhai, SHI Deli, SHI Jie, WANG Zhaozhong, XI Xuguang, XIE Juan.

PROGRAM

9:30-9:45 Registration

9:45-10:00 Opening ceremony
Session chairman: Yongmin ZHANG

Opening address

白章德
中国驻法国大使馆教育处公参

Speech

陈勇
全法中国科技工作者协会理事长

FIRST SESSION OF ORAL PRESENTATION

Session chairman: Jinbo BAI

10:00-10:15 **Nanomesure: Study the stationary wave properties of electron by STM**
Zhao-Zhong WANG
LPN/CNRS, Route de Nozay, 91460 Marcoussis, France

10:15-10:30 **The novel multifunctional hybrid composite of carbon nanotubes**
Delong HE, Jinbo BAI
*Laboratory of Mechanics of Soils, Structures and Materials, CNRS UMR 8579,
Ecole Centrale Paris, 92295 Chatenay-Malabry, France*

10:30-10:45 **Dielectric Properties of Carbon Nanotubes-Silicone Rubber Composites**
Mei-Juan JIANG, Zhi-Min DANG, Jinbo BAI

*Laboratory of Mechanics of Soils, Structures and Materials, CNRS UMR 8579,
Ecole Centrale Paris, 92295 Chatenay-Malabry, France*

- 10:45-11:00 **Self-loading and cell culture in one layer microfluidic devices**
Li WANG, Xiaofang NI, Yong CHEN
Ecole Normale Supérieure, CNRS UMR 8640, 24 rue Lhomond, 75231 Paris, France
- 11:00-11:15 **Synthesis of narrow sized catalyst nanoparticles for carbon nanotubes growth**
Hao LI, Jinbo BAI
*Laboratoire Mécanique des Sols, Structures et Matériaux (MSSMat), CNRS UMR 8579
École Centrale Paris, 92295 CHÂTENAY-MALABRY, France*
- 11:15-11:30 **Microfluidic devices for chemical and biological analyses by optical detection**
Lei LEI, Yong CHEN
Ecole Normale Supérieure, 24 rue Lhomond, 75231 Paris
- 11:30-11:45 **Holographie numérique et métrologie des écoulements**
Yijia YUAN, Kuan Fang REN
Université de Rouen & laboratoire CORIA
- 11:45-12:00 **Hamilton cycle in 9-connected graphs**
Hao LI^{1,2}, Heping ZHANG², Shan ZHOU^{1,2}
¹ *LRI, Univ Paris-sud and CNRS, Orsay F-91405, France*
² *School of Mathematics and Statistics, Lanzhou University, 730000 Lanzhou, China*
- 12:00-12:15 Photo taking
- 12:15-13:30 Buffet lunch
- 13:30-14:30 Poster session

SECOND SESSION OF ORAL PRESENTATION

Session chairman: Hao LI

- 14:30-14:45 **Fluids confined in a sponge-like model of random porous media**
S.L. Zhao¹, W. Dong² and Q.H. Liu³
¹ *Département de Chimie, UMR 8642, CNRS, Ecole Normale supérieure, Paris, France*
² *Laboratoire de Chimie, UMR 5182, CNRS, Ecole Normale supérieure de Lyon, France*

³ *School of theoretical physics and college of physics and Microelectronics Science, Changsha, China*

14:45-15:00 **Two phases coexistence region in $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3$**

Laijun Liu^{1,2}, Hichem Dammak¹, Huiqing Fan² and Mai Pham Thi³

¹*Laboratoire Structures, Propriétés et Modélisation des Solides, Ecole Centrale Paris, CNRS-UMR8580, Grande voie des Vignes, 92295, Châtenay-Malabry Cedex, France*

²*State Key Laboratory of Solidification Processing, School of Materials Science and Engineering, Northwestern Polytechnical University, Xi'an 710072, China*

³*Thales Research and Technology, Ceramics and Packaging Department, Domaine de Corbeville, 91404, Orsay, France*

15:00-15:15 **High Strength Milk Permeate from Dairy Industry Treated by Anaerobic Moving Bed Biofilm Reactor**

Shizhong Wang^{a,b}, Rongliang Qiu^a, René Moletta^b

^a *School of Environmental Science and Engineering, Sun Yat-sen University, Guangzhou 510275, China*

^b *LOCIE, Polytech Savoie, Savoie University, Le Bourget Du Lac 73376, France*

15:15-15:30 **微流控芯片制备海藻酸钙微球及其生物应用**

曾谦, 陈勇

武汉大学, 巴黎高师

15:30-15:45 **Microcantilever-based sensors**

Xiongtu ZHOU^{1,2}, Yong CHEN¹

1) *Department of chemistry, Ecole Normale Supérieure, 75005 Paris France*

2) *Department of physics, East China Normal University, Shanghai 200062 China*

15:45-16:00 **Analyse d'images calculées à partir d'un spray synthétique**

Wenyun ZHU

Université de Rouen et CORIA

16:00-16:45 **Coffee break & Poster session**

THIRD SESSION OF ORAL PRESENTATION

Session chairman: Deli SHI

16:45-17:00 **SPPS: One alternative way to obtain small biologically active proteins**

C.-Z. Dong^{*#}, F. Heymans^{*}, Z. Huang[‡], J.-J. Godfroid^{*}, B. P. Roques[†]

^{*} *Laboratoire de Pharmacochimie Moléculaire, Université Paris Diderot Paris 7, 2, Place Jussieu, 75251 Paris Cedex 05, France* ; [‡] *The Burnham Institut, 10901 N. Torrey Pines Road, La Jolla, CA 92037, USA* ; [†] *Laboratoire de Pharmacochimie*

*Moléculaire et Structurale, INSERM U 266, CNRS UMR 8600, Faculté de Pharmacie,
Université Paris 5, 4 Avenue de l'Observatoire, 75270 Paris Cedex 06, France*

- 17:00-17:15 **Study the regulation of glutathionylation in *Chlamydomonas***
Xinghuang GAO and Stéphane D. Lemaire
*Institut de Biotechnologie des Plantes, UMR 8618, CNRS/Univ Paris-Sud 11,
91405 Orsay Cedex, France*
- 17:15-17:30 简介生物新技术在环境保护方面的应用
卢运海
法国农科院植物基因组研究所
- 17:30-17:45 中法国土整治和环境保护对比研究
蔡宗夏
中国科学院地理与资源研究所, 奥尔良大学
- 17:45-18:00 Closing ceremony (awarding the best posters)
Session chairman: Yong CHEN