

Peking University Bioaerosol Laboratory Bulletin (PKU-BLB) Volume 3, Issue 1

April 2015

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UNIVERSITÉ
— PARIS-EST

Prof. Yao was selected as one of high level visiting scholars by University of Paris-EST, Paris, France



9th Asian Aerosol Conference

Prof. Yao was selected as one of the keynote speakers at the 9th Asian Aerosol Conference to be held during June 24-27, 2015 in Kanazawa, Japan.

北京大学生物气溶
胶实验室

Beijing, China

Scientific Publications

1. Currently, we have four manuscripts are under review, and additional four are under preparation

Academic Honors

1. Outstanding international honor: Prof. Maosheng Yao was selected as one of high level visiting scholars by University of Paris-EST, Paris, France. The selection is based on a number of factors including reputation in their field (publications, H index, other indicators of scientific recognition), and detailed description of the program is available at

<http://www.univ-paris-est.fr/fr/actualites/document-2298.html> . Prof. Yao will be involved both in teaching & research with Dr. Guillaume Da & Prof. Gehin Evelyne.

Unit inviting *	Graduate School	Professor / Researcher Guest	From guest
CRHEC	Cultures and Societies	Lissa Louise ROBERTS	University of Michigan USA
LIGM	Mathematics and ICT	Zoltan Esik	University of Szeged Hungary
LAMA	Mathematics and ICT	Yang WANG	UST Hong Kong China
LACL	Mathematics and ICT	Alan STEWART	Queen's University USA
MSME	Science, Engineering and Environment	Attila G. CSASZAR	Eötvös University in Hungary
ESYCOM (LPMDI)	Science, Engineering and Environment	YU Dapeng	Peking University China
CERTAINLY	Science, Engineering and Environment	Maosheng YAO	Peking University China
LVMT	City, Transportation and territories	Rosaldo ROSSETTI	University of Porto Portugal
Ausser (IPRAUS)	City, Transportation and territories	Réjean Legault	University of Quebec

2. Prof. Yao was nominated as one of the keynote speakers at the 9th Asian Aerosol Conference to be held during June 24-27, 2015 in Kanazawa, Japan. The conference web site is <http://aac2015.w3.kanazawa-u.ac.jp/>. Asian Aerosol Conference is being held every two years, and last one was held in Sydney, Australia where Prof. Yao was awarded the

Asian Young Aerosol Scientist Award.

3. Our work was again highlighted as one of the key scientific advances at the 2014 annual summary meeting of State Key Joint Laboratory of Environmental Simulation and Pollution Control held on Feb 4, 2015 at Tsinghua University.

4. Pro. Yao was invited to give a seminar at the 4th PKU Biological Interdisciplinary Forum on Dec 27, 2014.

时间	报告人	报告题目
08:00-08:20	开幕式	
08:30-09:30	韩启禧 (特邀报告)	谈谈数据与看病
09:35-10:15	郭红卫	植物的嗅觉: 气体激素乙烯的感应机制
10:15-10:35	茶歇	
10:35-11:15	邵峰	Cytosolic Sensing of Bacteria and Bacterial Virulence
11:20-12:00	陈兴	Chemical Tools for Probing Glycosylation Dynamics Vivo
12:00-13:30	午餐	
13:30-14:10	沈晓骅	lncRNA Functions in Stem Cell and Gene Regulation
14:15-14:55	许瑞明	Chromatin Structure and Dynamics
15:00-15:40	黄岩宜	微流控技术与单细胞测序
15:40-16:00	茶歇	
16:00-16:40	祁海	Cellular Dynamics Underlying the Germinal Center Formation and Function
16:45-17:25	姜茂盛	Nano and Physics Meet Biology: Lighting Up Bioaerosol Research

Research Grants

1. Our group has won an international science and technology of China program grant along with other colleagues in our college in collaboration with Canadian team ("Portable Integrated Sensor Network for Online Ambient Air Pollution Monitoring in Urban Environments" with grant #: 2015DFG92040, 1.6 Million RMB). The project is aimed to develop next generation of portable bioaerosol sensor and also an integrated sensor network for air pollution monitoring.

项目编号:	2015DFG92040
密 级:	公开
合作类型:	合作研发

国家国际科技合作专项项目 任务合同书

项 目 名 称 城市环境空气污染便携式传感监测网络集成
承 担 单 位 北京大学
项 目 负 责 人 姜夜盛
合 作 国 别 加拿大
项目组织(推荐)部门 教育部
起 止 年 限 2015年4月1日至2018年4月1日

0102015DFG92040



中华人民共和国科学技术部
二〇一四年六月 制

2. Our group also obtained a grant from Chinese PLA Institute of Chemical Defense to apply our developed technology to treating the chemical warfare agents during the process of dismantling the chemical weapons left over by Japanese army during the past war time.

Academic Conferences

1. Prof. Yao attended the 7th national symposium on environmental chemistry held in Shanghai.



2. Our group members attended a qPCR symposium held in Xiamen University during Dec 7-11, 2014.



Other Selected Scientific Activities

1. Our group members are scheduled to attend The Association of Environmental Engineering & Science Professors (AEESP) 2015 Conference to be held during June 13-17, 2015 at Yale. The conference web site is located at <http://aeesp.yale.edu/>.

2. Our group members are also scheduled to attend the 9th Asian Aerosol Conference to be held during June 24-27, 2015 in Japan.

3. Our exhaled breath collection device is in the middle of commercialization. The device is able to efficiently collect exhaled breath for microbial studies.



4. Dr. Yao was invited to join the International Scientific Advisory Committee for 2015 International Conference on Clean Water, Air & Soil

to be held in Sunway Lagoon, Petaling Jaya Malaysia during August 25~28, 2015. The conference is sponsored and organized by INWASCON.

Student News

1. This Fall we are going to graduate one Master student, and 3 undergraduates.
2. Hanqing Han, an undergraduate, received an offer from Stanford University for his graduate study.
3. PhD student Kai Wei is scheduled for her PhD qualify examination, and she is working on atmospheric bioaerosols and their health effects.

Academic & Social Gatherings



Students were dining during the qPCR symposium at Xiamen University



Dr. Yao's birthday party held by his students from bioaerosol group.



Prof. Guillaume Da & Prof. Gehin Evelyne from University of Paris-EST visited us and discussed potential collaboration.

Our next issue is expected to be in August 2015 & we look forward to more good news from our group. For other information, please visit our laboratory web site: <http://openwetware.org/wiki/Yao-lab>. All contents contained in this document are copyrighted and explained by PKU Bioaerosol Laboratory.