

Summary of LSCE-PKU meeting held at CEA and UVSQ February 15 and 16th

Summary of the first day, 15 02 2011

Presentations were made by PKU and by the tutelary institutions of the LSCE : CEA, CNRS and UVSQ

In the morning, Pr SL Piao presented the history of cooperation between PKU and LSCE and the publication output (37 publications, 4 in Nature). P. Ciaï presented the vision for developing a joint research institute on biogeochemistry and climate, and a first overview of the strategic priorities for its first phase of its implementation. (see presentations at <https://wiki.lsce.ipsl.fr/pku/doku.php?id=home>)

The proposed timeline is:

2011

- Feb Initial discussions and PKU, LSCE approval
- Mar Sign statement of understanding to collaborate to establish a joint Institute between PKU and LSCE tutelary institutions
- Jun Establish research & teaching Workplan
- Jun Establish governance & expenditure planning
- Sep Create Institute
- Oct Organize first summer school

2012

- Run first year of operations
- Apply for funding (ERC, China, France ...)

The afternoon was devoted to scientific presentations and discussions by PKU, LSCE and LMD. (see presentations at <https://wiki.lsce.ipsl.fr/pku/doku.php?id=home>)

Summary of the second day, 16 02 2011

UVSQ activities have been presented by Daniel Vidal Madjar, Pr Martin O'Connor, Marie-Françoise Guyaunaud, and Pr. Philippe Bousquet. Three education projects that could jointly implemented between UVSQ and PKU have been discussed; further discussions are needed to confirm and establish each project (presentations will be uploaded <https://wiki.lsce.ipsl.fr/pku/doku.php?id=home>)

Project 1. Near term (2011) Joint summer school on earth system science

The objective to organize a joint summer school one or two times per year. The first one could be organized in China in Autumn 2011 during ≈10 days. The joint summer school should aim to involve a critical mass of French and Chinese researchers for teaching, and gather ≈20 highly motivated Chinese students, possibly some French students. A budget

for travel and accommodation will be established by consensus between both parties, on a cost-shared basis.

Project 2. Coordinated exchange and training of visiting students Mid term (2012-2016)

Coordinated exchange and training of visiting students from PKU at master and PhD level. In the first phase, between 5 and 10 Chinese students could come each year in France for periods ranging from 6 to 12 months either during their master or during their PhD programmes. These visiting students could attend to specific courses from existing masters (in English) and do research work at LSCE, in a proportion to be defined. In parallel, French students could be encouraged to carry their a master internship, or part of their PhD, in PKU. The first Chinese students may start following courses in UVSQ in the semester beginning in september 2012.

Project 3 Mid-to-long term (post 2012)

PKU and UVSQ will pursue discussions in the long term goal to develop a joint master degree on Climate change and environmental sciences. A full project may be prepared by end of 2012

Action Item 1.

*P. Ciais, S.L. Piao together with L. Li from LMD, and considering relevant input from LSCE researchers, to provide a research plan (priorities, detailed justification of resources, and a governance model for Joint institute to PKU and LSCE/LMD/IPSL tutelary **institutions by June 2011***

Action Item 2.

P. Ciais, SL. Piao together with L. Li from LMD, and considering relevant input from LSCE colleagues, to find name for Joint institute and finalize logo

Action Item 3.

*LOI for cooperation to be signed by all partners (signature organized by C Garrec in France) **by march 31***

Action Item 4.

*P. Bousquet, M Roy Barman, P. Ciais to work with SL. Piao and S. Tao on the organisation of Project 1 (establish budget and organisation of 1st summer school) **by June 1***

Action Item 5.

*P. Bousquet & M Roy Barman, P. Ciais to initiate discussions with SL. Piao and S. Tao for organisation of Project 2 (establish teaching programme, organisation of teaching/research, exchange of Master, and of PhD students, financial needs and options for funding) **by June 1.***

Action item 6.

P. Bousquet, M Roy Barman provide the titles of the courses available in the French masters to PKU. SL. Piao and S. Tao identify courses that interest them in the list provided by UVSQ in order that UVSQ convert them in English.