

**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE NATIONAL SCIENCE COUNCIL
THE NATIONAL CENTER FOR THEORETICAL SCIENCES
TAIPEI, TAIWAN (ROC)
AND
INSTITUT DES HAUTES ETUDES SCIENTIFIQUES
BURES SUR YVETTE, FRANCE**

Preamble

The National Center for Theoretical Sciences (hereafter referred to as NCTS) sponsored by the National Science Council (hereafter referred to as NSC) and the institute des Hautes Etudes Scientifiques (hereafter referred to as IHÉS) decided to sign a Memorandum of Understanding (MOU) to stimulate research in Mathematics, Physics, theoretical questions connected to Biology and Biotechnology for mutual interest and benefit.

Both parties agree as follows:

Article (1)

The NCTS and IHES agree to promote cooperation in Mathematics, Physics, Theoretical questions connected to Biology and Biotechnology.

As regards to Mathematics, cooperation will focus on the following fields:

Algebraic Geometry and Number Theory

- Algebra
- Differential Geometric and Dynamical Systems
- Geometric Analysis
- Mathematical Biology / Mathematics Molecular Biology
- Non Linear PDE

As regards to Physics, cooperation will focus on the following fields:

- Particles and Fields(PF)
- Astrophysics
- String Theory
- Theoretical Physics

Article (2)

The means of implementation of the cooperation as mentioned in Article (1) are defined as follows:

- (a) exchange of researchers (at Post-doc levels) and information
- (b) joint research projects
- (c) joint conference
- (d) joint publication of research materials

If necessary, the above mentioned items (a,b,c,d) can be worked out in appendices to be attached to this Memorandum of Understanding. Such appendices shall form an integral part of this MOU, to be agreed upon by both parties.

Article (3)

NCTS and IHÉS will make every effort to raise fund to make this cooperation feasible. The sending party will bear the travel costs (International air fares) and living allowances while the receiving party will provide the researchers with housing and all the technical and secretarial support needed (access to the library and computer facilities).

Article (4) Framework for exchange Proposals made by the NCTS

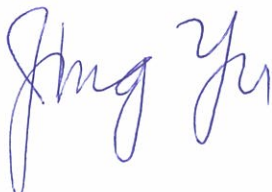
- (a) The NCTS will propose each year one or two Distinguished Mathematicians or Physicists to IHÉS for a three or six month visit. The number of candidates and duration of the visit will be discussed and approved by the Scientific Committee of IHES. These stays will be supported according to Article (3)
- (b) If the participants are post-doc researchers, the NCTS suggests that they be offered the possibility of staying in one of the institutes participating in the European Post-Doctoral Institute (EPDI) network for a period up to one year after their stay at IHÉS. The decision will be taken by the EPDI Scientific Committee. In that case, IHÉS cannot ensure that the costs related to the stay will be paid by the host institute.
- (c) On a yearly basis, the NCTS will also host researchers from IHÉS in order for them to participate to NCTS events or undertake short term visits to NCTS. Expenses will be borne by the Taiwanese Party. The number of participants and duration of the visits will be determined subsequently.

This Memorandum of Understanding (MOU) will be effective from the date of signing for a period of four years. The period of its validity may be extended by agreement of both NCTS and IHÉS.

In witness of above, this MOU is to be executed in of official copies written in English by authorized representatives of NCTS and IHES respectively. Both NCTS and IHES will retain one copy each of the signed MOU.

Hinshu / Bures-Sur-Yvette, March, 2008

Representative of NCTS



Dr. Jing Yu
Director

Representative of IHÉS



Dr. Jean-Pierre Bouguignon
Director