RENEWAL OF MEMORANDUM OF UNDERSTANDING
BETWEEN
THE INSTITUTE OF PARTICLE AND NUCLEAR STUDIES,
HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION, KEK, JAPAN
AND
THE ASIA PACIFIC CENTER FOR THEORETICAL PHYSICS, KOREA

We refer to the Memorandum of Understanding (MOU) signed on January 25, 2007 by the Institute of Particle and Nuclear Studies of High Energy Accelerator Research Organization (IPNS/KEK) and the Asia Pacific Center for Theoretical Physics (APCTP) with a view to contributing to the advancement of physics in the Asia Pacific region and fostering young scientists in this region. The MOU is attached.

Noting the progress that has been made in strengthening academic collaboration, in pursuance of Article 5 of the MOU, both parties wish to renew this cooperation until January 24, 2017.

The APCTP looks forward to this continued collaboration and invites the IPNS/KEK to indicate its acceptance of the above by signing this letter of renewal, in duplicate, on this day of June 20, 2012.

For IPNS/KEK:

\[\text{Signature}\]
Masanori Yamauchi
Director,
Institute of Particle and Nuclear Studies
High Energy Accelerator Research Organization (KEK)
Tsukuba, Japan

Date: \textbf{June 20, 2012}

For APCTP:

\[\text{Signature}\]
Seunghwan Kim
Executive Director,
Asia Pacific Center for Theoretical Physics (APCTP)
Pohang, Korea

Date: \textbf{20/06/2012}
Memorandum of Understanding
between
The Institute of Particle and Nuclear Studies,
High Energy Accelerator Research Organization, KEK (Tsukuba, Japan)
and
Asia Pacific Center for Theoretical Physics, APCTP (Pohang, Korea)
Concerning the collaboration in theoretical physics research

The Institute of Particle and Nuclear Studies of High Energy Accelerator Research Organization (hereafter referred to as IPNS/KEK) and Asia Pacific Center for Theoretical Physics (hereafter referred to as APCTP) have reached an agreement on the following points in order to contribute to the advancement of physics in the Asia Pacific region and fostering of young physicists in this region.

Article 1: Purpose
The Parties agree to promote cooperation in academic field of theoretical physics through:

1. Exchange of researchers and students including education and training of young physicists;
2. Delivering lectures and holding symposia;
3. Exchange of academic information and publications
4. Implementing cooperative and joint research programs; and
5. Other matters required for theoretical physics research.

Article 2: Decision of Proposal
Proposal for all cooperative activities including joint research programs, may be initiated by either Party, but are subject to approval by both Parties.
The objective, content, form, duration, costs and other conditions of each cooperative research activity shall be determined on a case-by-case basis through mutual consultation.

Article 3: Publication
Scientific information derived from cooperative activities shall be made available through customary channels according to the normal procedures of each Party. For publication of results derived from cooperative research activity, either Party shall obtain prior written consent from the other Party.

Article 4: Intellectual Property
Both Parties shall ensure the effective protection and a fair sharing of intellectual and other property created by or in connection with the collaboration ensuing from this MOU.

Article 5: Duration of the MOU
This MOU shall remain effective for the period of five years from the date of signing by both Parties and may be extended for another five years at the mutual written agreement of the Parties, and may be repeatedly renewed.
further in the same way. Notwithstanding the preceding sentence, this MOU shall cease to be effective after six months of either Party's giving notice to the other by a registered letter.

Article 6: Modification
Any modification or amendment to this MOU shall be made in writing on the basis of mutual understanding.

Article 7: Compliance with Laws and Regulations
All research activities conducted in connection with the cooperative activities shall be done in compliance with all applicable laws, regulations and guidelines of the countries and institutions in which the research is conducted.

For IPNS/KEK:

Fuminiko Takasaki
Director,
Institute of Particle and Nuclear Studies
High Energy Accelerator Research Organization (KEK)
Tsukuba, Japan

Date: January 25, 2007

For APCTP:

Seunghwan KIM
Executive Director,
Asia Pacific Center for Theoretical Physics (APCTP)
Pohang, Korea

Date: January 25, 2007