EXTENSION OF THE MEMORANDUM OF UNDERSTANDING

BETWEEN

INSTITUTE FOR BASIC SCIENCE

AND

ASIA PACIFIC CENTER FOR THEORETICAL PHYSICS

Referring to Section 5 of the "Memorandum of Understanding between Institute for Basic Science (IBS) and Asia Pacific Center for Theoretical Physics (APCTP)" agreed on April 1, 2013 (MOU), IBS and APCTP hereby agree to extend the duration of the MOU for three years until March 31, 2019. Except to the extent (if any) otherwise provided in this Agreement, the term of this Agreement will be automatically extended for successive three-year periods, on the same terms and conditions, unless either party gives the other notice of non-extension at least six months before the then-current expiration date.

Two identical copies of this document shall be signed, one to be retained by IBS and the other by APCTP.

KIM Doochul

President

Institute for Basic Science

LEE Bum-Hoon

President

Asia Pacific Center for Theoretical Physics

Date: March 11,2016

Date: March 22, 20/6