AGREEMENT ON ACADEMIC EXCHANGE BETWEEN THE INSTITUTE FOR COSMIC RAY RESEARCH THE UNIVERSITY OF TOKYO AND COLLEGE OF SCIENCE NATIONAL TSING HUA UNIVERSITY

The Institute for Cosmic Ray Research (ICRR) of the University of Tokyo , Japan, and the College of Science of National Tsing Hua University (NTHU), Taiwan (hereinafter referred to as the "parties"), in the firm conviction that academic exchange between the parties will promote scientific advances in the field of gravitational wave science, hereby establish the following Agreement.

- Article 1. The parties agree to implement exchanges and other activities in areas of academic research of mutual interest, and in particular for the advance of the KAGRA project, through the following.
 - (1) Short-term and longer-term visits in both directions, by faculty, researchers and students.
 - (2) Conducting collaborative research.
 - (3) Holding joint lectures and symposia.
 - (4) Exchange of academic information and materials.
- Article 2. Actual programs to be implemented for the realization of specific exchange activities as defined in the preceding article shall be decided between the parties.
- Article 3. In the case that research results impacting upon matters of intellectual property rights are expected to arise in the course of collaborative programs carried out under the terms of Article 1 above, the parties shall discuss in good faith and agree in a separate document the conditions regarding the treatment of intellectual property rights so arising, prior to the start of the collaborative program in question.
- Article 4. This Agreement is valid for five years effective from the date of the final signature affixed below by the parties hereto (hereinafter referred to as the "term"). The term of the Agreement may be extended upon agreement by the parties. Either party may terminate the Agreement during its term by giving six months advance written notice to the other party.

Article 5. This Agreement is created in duplicate in English, each of those duplicates being deemed original.

The parties hereby establish this Agreement by duly signing it, as of the dates below.

Institute for Cosmic Ray Research The University of Tokyo

Director, Takaaki Kajita

Date Aug 3, 2016

College of Science National Tsing Hua University

Dean, Rai-Shung Lin

Date November 10, 2016