Amendment 1

to

DIRAC Consortium Collaboration Agreement

BETWEEN

- 1. THE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE ("CNRS"), a public establishment for scientific and technological research, with registered offices located 3 rue Michel Ange 75794 Paris Cedex 16, France, SIREN no. 180 089 013, APE/NAF code 7219Z, represented by its Chairman and CEO Mr Antoine PETIT, who has delegated Mrs Ghislaine GIBELLO, Regional Delegate of the Provence et Corse circumscription, to act on his behalf for the purposes of this Agreement,
- **2. AIX-MARSEILLE UNIVERSITY ("AMU")**, public Establishment of a scientific, cultural and professional nature, SIREN 130 015 332, APE/NAF code 8542Z, located at Jardin du Pharo, 58 Bd Charles Yvon, 13284 MARSEILLE Cedex 07, France, represented by its president, Mr. Yvon BERLAND,

AMU having given a mandate to CNRS, dated 27 February 2019, for the signature of the present Amendment,

CNRS and AMU, hereafter called the "ESTABLISHMENTS", acting jointly for and on behalf of the Centre de Physique des Particules de Marseille ("CPPM"- UMR 7346), directed by Mr DIACONNU,

- 3. THE EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH, ("CERN"), an Intergovernmental Organization having its seat at Geneva, Switzerland, duly represented by Manfred Krammer, Head of the Experimental Physics Department,
- 4. INSTITUTE OF HIGH ENERGY PHYSICS ("IHEP"), of the Chinese Academy of Sciences (CAS), a national research center located at: 19B Yuquan Lu, Shijingshan District, Beijing, China, represented by Dr. Gang Chen, Deputy Director,
- 5. INSTITUTE OF PARTICLE AND NUCLEAR STUDIES, Inter-University Research Cooperation, High Energy Accelerator Research Organization (KEK/IPNS), organized and existing under and pursuant to the laws of Japan, having its principal place of business at 1-1 Oho, Tsukuba, Ibaraki 305-0801, Japan and being represented by Katsuo Tokushuku, Director of IPNS,

Hereinafter referred to as the "Parties" or individually as a "Party".

CONSIDERING THAT:

On 3 February 2014, the ESTABLISHMENTS, CERN and University of Barcelona signed a Collaboration Agreement to form the **DIRAC Consortium** for the Development and Maintenance of the DIRAC Software for Distributed Computing for a period of thirty-six (36) months (the "Agreement");

IHEP and KEK/IPNS joined the DIRAC Consortium in 2016;

The University of Barcelona withdrew from the DIRAC Consortium in 2019;

The Parties agree that there is a need to extend the duration foreseen in Article 2 of the Agreement,

THE PARTIES AGREE TO AMEND THE AGREEMENT AS FOLLOWS:

1. The first paragraph of Article 2 of the Agreement "Duration and withdrawal from the Agreement" shall be modified as follows:

This Agreement shall be extended by an additional five (5) years, and shall be completed no later than 3rd February 2022. The Agreement may be renewed by mutual written agreement of the Parties.

For clarity, all other terms of Article 2 remain unchanged.

- 2. All other provisions of the Agreement, including the annexes, remain unchanged.
- 3. This Amendment No. 1 shall form an integral part of the Agreement and shall be subject to its provisions.

Thus drawn up in four (4) originals in the English language.

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For the Establishments
Mrs Ghislaine GIBELLO

Regional Delegate

For CERN

Manfred Krammer, Head of the Experimental

Physics Department

For IHEP
Dr. Gang Chen
Deputy Director

For KEK IPNS Katsuo Tokushuku

Director

Haten Tokuslulu