

## Amendment 2 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 Mr. Reynald PAIN, Director of Institut National de Physique Nucléaire et de Physique des Particules (IN2P3), to act on his behalf for the purposes of this Agreement,

CNRS, acting for and on behalf of the **Centre de Physique des Particules de Marseille (“CPPM” - UMR 7346, CNRS - AIX-MARSEILLE UNIVERSITY)**, directed by Mr. Cristinel DIACONU,

CNRS, acting for and on behalf of the laboratory **Laboratoire Univers et Particules de Montpellier (“LUPM” - UMR 5299, CNRS - MONTPELLIER UNIVERSITY)**, directed by Mr. Denis PUY,

CNRS, acting for and on behalf of the laboratory **Institut Pluridisciplinaire Hubert Curien (“IPHC” - UMR 7178, CNRS - STRASBOURG UNIVERSITY)**, directed by Mrs. Sandrine COURTIN,

CNRS, acting for and on behalf of the **Laboratoire de Physique Subatomique et de Cosmologie (“LPSC Grenoble” - UMR 5821, CNRS - GRENOBLE ALPES UNIVERSITY)**, directed by Mr. Laurent DEROME,

CNRS, acting for and on behalf of the **Centre de Calcul de l’Institut National de Physique Nucléaire et de Physique des Particules (“CC IN2P3” - USR 6402)**, directed by Mr. Pierre-Étienne MACCHI,

AIX-MARSEILLE UNIVERSITY, STRASBOURG UNIVERSITY, MONTPELLIER UNIVERSITY, GRENOBLE ALPES UNIVERSITY having given a mandate to CNRS to sign this Amendment in the name and on behalf of the aforementioned laboratories for,

Hereinafter referred to as “the Establishments” or “CNRS”.

2. **THE EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH, (“CERN”)**, an Intergovernmental Organization having its seat at Geneva, Switzerland, duly represented by Mr. Manfred KRAMMER, Head of the Experimental Physics Department,

3. **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 Mr. Jun CAO, Deputy Director,

4. **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 Mr. Naohito SAITO, Director of IPNS,

5. **IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDECINE (ICSTM)**, established by Royal Charter in England and Wales, represented for the purpose of this Amendment by Mr. Gary WHEELER, Contract Manager – Faculty of Natural Sciences,

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;

A first amendment to the **DIRAC Consortium Collaboration Agreement** (Amendment n°1) was signed by the parties to extend the Agreement for a period of five (5) years, until 2<sup>nd</sup> February 2022;

The University of Montpellier and the Imperial College of Science, Technology and Medicine joined the DIRAC Consortium in 2021;

The University of Montpellier withdrew from the DIRAC Consortium in 2023.

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 1<sup>st</sup> February 2027. 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. 2 shall form an integral part of the Agreement and shall be subject to its provisions.
4. This Amendment enters into force from the date of its signature by all the Parties.

Thus drawn up in five (5) originals in the English language and signed by authorized representatives of the Parties.

For the Establishments

Reynald PAIN,

Director of IN2P3

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For CERN

Manfred KRAMMER,

Head of the Experimental  
Physics Department

A handwritten signature in blue ink, appearing to be 'M. Krammer', with a long horizontal stroke extending to the right.

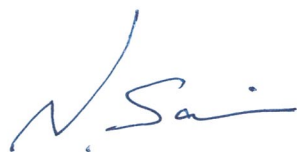
For IHEP

Jun CAO,

Deputy Director

A handwritten signature in black ink, appearing to be 'Jun CAO', written in a cursive style.

For KEK/IPNS  
Naohito SAITO,  
Director

A handwritten signature in blue ink, appearing to read 'N. Saito', with a stylized flourish at the end.

For ICSTM

Gary WHEELER,

Contract Manager

A handwritten signature in blue ink, appearing to read 'G. Wheeler', is positioned to the right of the printed name.