

# **Cooperation Agreement**

between the

**Faculty of Mathematics, Physics and Informatics, Comenius University**

Mlynská dolina, 842 48 Bratislava, Slovakia

IČO: 00 397 865-07 DIČ: 2020845332 IČ DPH: SK2020845332

(in the following called 'FMFI UK')

and

**Institute for Nuclear Research (INR)**

of the Russian Academy of Science

60th Oct. Anniversary Prospect 7a, 117312 Moscow

(in the following called 'INR')

## **Preamble**

The current activities at FMFI UK and at INR (henceforth referred to as 'Parties') have common educational, scientific and technological goals and thus provide a good foundation upon which to build a mutually beneficial scientific collaboration. Therefore the Parties hereby conclude this Cooperation Agreement.

## **Article 1**

### **Objective and Scope**

The objective of this Memorandum of Understanding is to establish the legal framework for the cooperation between FMFI UK and INR. The Parties shall cooperate in the field of neutrino astrophysics.

## **Article 2**

### **Forms of Cooperation**

The co-operation between FMFI UK and INR is focusing on the field of astroparticle neutrino physics. FMFI UK and INR are planning to start their collaboration in building and operating a detector for cosmic neutrinos in Lake Baikal ("Baikal-GVD). This agreement is signed under assumption that the participating institutions get the necessary financial support in their countries, that the local infrastructure allows to transport the equipment to the lake and to operate the detector, and that the data from cluster "Dubna" support the hope to build the full-scale detector "Baikal- GVD" in a competitive (acceptable) time scale.

## **Article 3**

### **Coordinators**

FMFI UK and INR nominate, respectively, prof. Dr. Fedor Šimkovic and prof. Dr. G.V.Domogatsky as coordinators for the purpose of this agreement. The coordinators will meet regularly to monitor the progress of the work. The INR coordinator acts as a spokesman for all Russian institutes participating in the experiment.

#### Article 4

The progress of the experiment is reviewed and coordinated twice a year at the collaboration meetings.

#### Article 5

FMFI UK makes available to INR certain equipment needed to carry out the common work in Russia. This equipment will remain the property of FMFI UK.

#### Article 6

The participants will jointly decide on the experimental procedures, will provide for timely exchange of primary data and will jointly agree on publication of their results.

#### Article 7


Main elements of the collaboration are visits of Slovak scientists in Russia and Russian scientists in Slovakia.

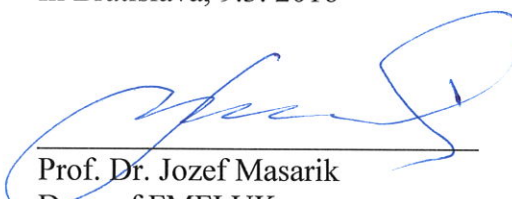
#### Article 8


This agreement will become effective from 28.03. 2016. The agreement is in effect for one year and is automatically prolonged for the consequent years. FMFI UK and INR reserve the right to terminate it or to propose a modification of this Cooperation Agreement at any time upon 90 days' notice.

In Moscow, .....

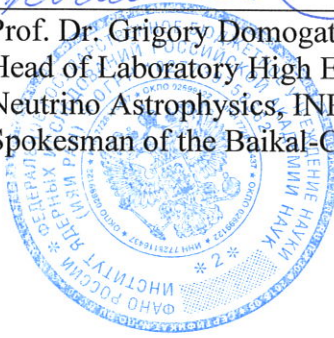
In Bratislava, 9.3. 2016

  
\_\_\_\_\_  
Prof. Dr. Leonid Kravchuk  
Director of INR

  
\_\_\_\_\_  
Prof. Dr. Jozef Masarik  
Dean of FMFI UK

  
\_\_\_\_\_  
Prof. Dr. Grigory Domogatsky  
Head of Laboratory High Energy  
Neutrino Astrophysics, INR  
Spokesman of the Baikal-Collaboration

\_\_\_\_\_  
Prof. Dr. Fedor Šimkovic  
Head of Neutrino Physics  
Group at FMFI UK



UNIVERZITA KOMENSKÉHO V BRATISLAVE  
Fakulta matematiky, fyziky a informatiky  
Mlynská dolina  
842 48 BRATISLAVA 4  
Tel.: 6542 6720, Fax: 6542 5882  
-1-