



COOPERATION AGREEMENT

between

INTERNATIONAL CENTER FOR RELATIVISTIC ASTROPHYSICS NETWORK (ICRANet)

and

AL-FARABI KAZAKH NATIONAL UNIVERSITY (KAZNU)

The International Center for Relativistic Astrophysics Network (ICRANet), represented by its Director, **Prof. Remo Ruffini**, and the Al-Farabi Kazakh National University (KAZNU), represented by its Member of the Board of– Vice-Rector for Research and Innovation **Aitzhanova Zh.N.**, agree to establish this Cooperation Agreement which is governed by the following clauses:

FIRST:

The main objectives of this Cooperation Agreement are to promote the development and dissemination of scientific and technological research in the fields of cosmology, gravitation and relativistic astrophysics between ICRANet and KAZNU.

SECOND:

The activities to be undertaken under this Cooperation Agreement will consist of joint actions involving one or more of the following items:

- I The institutional exchange of graduate, post-graduate students, researchers and faculty members of ICRANet and KAZNU;
- II The development of teaching and/or research activities related to the areas of expertise and interest of ICRANet and KAZNU;
- III The organization of symposia, seminars, conferences and short courses on topics and areas of expertise and interest of ICRANet and KAZNU
- IV The promotion and support of technical-scientific and cultural events and activities open to the public;

 ${f V}$ – The development of opportunities to form university teachers and researchers, by means of specialized advanced high-level courses in areas of interest and expertise of ICRANet and KAZNU;

VI -The organization of training and recycling courses and activities as well as the developing of inter-institutional research areas associated to local graduate programs;

VII - The promotion of joint publications;

VIII - Implementation of socially oriented activities through the academic extension:

IX – Exchange of information concerning teaching and research activities in both institutions signatory of this Cooperation Agreement;

X – Make applications to the international grant programs to promote joint research projects or implement mobility exchange programs.

THIRD:

The implementation of the activities envisaged by the contracting parties will be specified by means of Work Plans relative to this Cooperation Agreement, to be signed by the contracting parties at the time of definition of common projects, areas of research and education, or any other activities of mutual interest.

FOURTH:

The institutions signatories of this Cooperation Agreement shall adopt, as a general principle, and to the extent of their budgetary possibilities, the financing of academic actions carried out by this Cooperation Agreement. In the specific case of exchange of professional between the signatory institutions, the visiting institution shall endeavor efforts to cover transportation expenses of their students, professors and technicians while the hosting institution may cover their living expenses. To finance such expenses, participants must apply to granting agencies and other national or international institutions.

Students, professors, researchers and administrative staff taking part in exchange activities must have health insurance valid during those activities paid by the visiting part.

FIFTH:

When activities originating from this Cooperation Agreement result in products, improvements or innovations, subject to rights, both parties will establish - according to the law and to proper regulatory legislation, by means of specific Cooperation Protocol's and proportionally to the contribution of each institution - the conditions that will regulate property rights.

SIXTH:

The activities developed within the scope of this Cooperation Agreement will be carried by members of both parties, appointed by each institution, according to the nature of the activities in each project, the parties being allowed to rely upon the support of external organizations.

An overall coordinator will be appointed for each of the signing Institutions in order to monitor and supervise the implementation and progress of programs and projects related to the present Cooperation Agreement and to establish plans for the future of this cooperation.

For KAZNU: Prof. Medeu Abishev

For ICRANet: Prof. Jorge Armando Rueda Hernandez

The coordinators will meet at least once a year or by electronic means (such as econference), or through visits to partner institutions.

SEVENTH:

This Cooperation Agreement will be valid for 5 (five) years, starting from the date of its signature. It will be extended automatically for another 5 (five) years through an exchange of letters between the signatories.

EIGHTH:

This Cooperation Agreement may be canceled by either of the parties, by means of a notification at least 60 (sixty) days in advance – which may be waived if both parties come to a consensual agreement – being advisable, however, to attempt to ensure that ongoing activities are maintained.

NINTH:

Any necessary modification to the present Cooperation Agreement must be stated in Additional Terms that will be negotiated between the parties, without prejudice to ongoing activities.

In particular this Cooperation Agreement could be extended to other partnerships, through the express agreement of the parties through an Additional Term.

TENTH:

For purposes of this Cooperation Agreement, the parties establish their addresses as: ICRANet: ICRANet Coordinating Center: Piazza della Repubblica, 10, 65122 Pescara, Italy; KAZNU: Al-Farabi Ave. 71, Almaty, Republic of Kazakhstan, 050040

through which the correspondence held between with respect to the interpretation and enforcement of this Cooperation Agreement should be formalized.

All terms having been agreed upon, the representatives of the parties signed the present Cooperation Agreement in 2 (two) copies in English.

AITZHANOVA ZHAMILA

Member of the Board of Vice-Rector for Research and

Innovation

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PROF. REMO RUFFINI
Director of ICRANet

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PROF. MEDEU ABISHEV Head of Theoretical and Nuclear Physics Dep. KAZNU

PROF. JORGE A. RUEDA H. ICRANet Faculty Professor

forge D. Rul H.

Date 04, 04, 2024.

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Date ____02.05 , 2024

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