Collaboration between Mexico and JINR:

Scientific Opportunities and more

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JINR

General Considerations







1949 – the Council of Europe is founded

1951 – the European Coal and Steel community is

founded

1954, 29 September – the European Organization

for Nuclear Research (CERN) is founded

1955, August – International Conference on the

Peaceful Uses of Atomic Energy in Geneva.

1954 – the principle of peaceful coexistence

1956, 26 March – JINR is founded

Armenia

Germany

Azerbaijan

Hungary

Belarus Bulgaria Italy

Cuba

Serbia South Africa

Egypt

Georgia

Mexico

Kazakhstan

China

DPRK (suspended 2015)

Moldova

Mongolia

Romania

Russian Federation

Slovakia

Uzbekistan

Vietnam





Bogolyubov Laboratory of Theoretical Physics



Dzhelepov Laboratory of Nuclear Problems



Flerov Laboratory of Nuclear Reactions

Laboratories at JINR



Frank Laboratory of Nuclear Physics



Laboratory of Radiation Biology



Mashcheryakov Laboratory of Information Technologies



Veksler and Baldin Laboratory of High Energy Physics



Research Infrastructure



Cyclotron DC-280 Superheavy Elements Factory



Supercomputer Govorun



Baikal Neutrino Telescope in Irkutsk



IBR-2 Pulsed Research Reactor

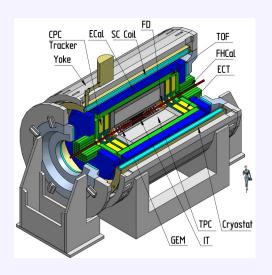




NICA

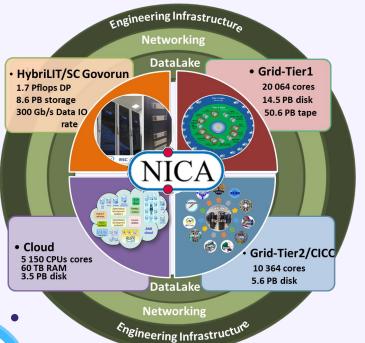


Nica project and the Mex-NICA participation



MPD Collaboration

MICC Project



multi-functionality,
high performance,
task-adapted data storage system,
high reliability and availability,
information security,
scalability,
customized software environment for different user groups,
high-performance telecommunications and modern local

network.

Multifunctional Information and Computing Complex at JINR

JINR and Mexico

Joint
Declaration of
Intent

January-February 2023

Joint Coordination Committee

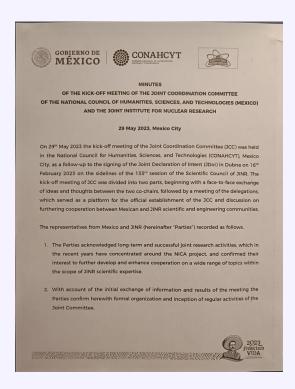
Kick-off meeting May 2023

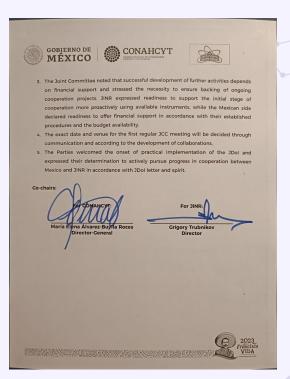
Specific Agreements

Likely, Autumn 2023



Dra. Ana Maria Cetto, IF-UNAM
Dr. Alfredo Raya, IFM-UMSNH
Dra. Blanca Eli Ocampo García, ININ
Dra. Yolanda Villaseñor Navarro, INC
Dr. Julio Mendoza (SMF), CINVESTAV
Dr. Efraín Chávez, IF-UNAM
Dr. Andres Triana, CONAHCyT





JINR and Mexico Beyond CONAHCyT

Mex-NICA collaboration

Start 2016 Students since 2017

University Center

Continuously supporting participation of Mexican Students consolidated researchers 5 Students selected in 2023

JINR UC **Programmes**

From early career and involvement

International Student Practice (ISP)

3 weeks at JINR

Lectures and visits

Projects and reports

STudent Advanced Research Training (START)

6-8 weeks at JINR, Summer and Winter Advanced Projects

Bachelor, Masters and PhD students

INTErnational REmote Student Training (INTEREST)

4-6 weeks Online

Runs in waves

Bachelor, Masters, PhD and Postdocs

Supporting Talented Researchers

Postdoc Fellowships PhD Under 40 Research Scholarship
Program
Scientist and Engineers
Under 60

Thanks!

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