Ukrainian-Israeli Scientific Research Program

CALL FOR JOINT PROJECT PROPOSALS

For the Years 2022-2023

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Deadline for Submissions: 15 March, 2022

Within the framework of the Ukrainian-Israeli scientific cooperation, the Ministry of Education and Science of Ukraine (MESU) and the Ministry of Innovation, Science and Technology of the State of Israel (MOST) are glad to invite researchers and scientists to submit joint proposals for research projects carried out by scientists from both countries.

The aim of this program is to support the development of scientific and technological cooperation between Ukrainian and Israeli researchers and to strengthen the scientific partnership between research groups from both countries by establishing bilateral research networks, enhancing research cooperation and promoting the exchange of knowledge between Ukrainian and Israeli scientists.

The research shall focus on two main areas and its subtopics as detailed in Section A.

Qualifying scientific applicants in this framework may receive research grants, respectively, from MESU and MOST according to the applicable national funding procedures and regulations.

## AREAS OF COOPERATION

MESU and MOST are providing financial support for joint research activities carried out by scientists from both countries. Ukrainian-Israeli research teams are hereby invited to submit joint proposals for research projects in any of the following areas:

1. **Applied Mathematics:**

Topological Materials

Applied Mathematics in Number Theory

Cryptography

Computational Mathematics

1. **Jewish Heritage:**

Digital Humanities: Jewish-Ukrainian Heritage and History

## MODE OF COOPERATION

Cooperation will take the form of planning and conducting joint research as well as conducting mutual visits between laboratories for the purpose of facilitating the research.

Cooperation may also take the form of:

1. Joint research activities in which interdependent subprojects of a single project are conducted in Ukrainian and Israeli laboratories;
2. Complementary methodological approaches to a common problem;
3. Joint use of research facilities, materials, equipment and/or services by cooperating scientists;
4. Young researchers' (PhD students and/or Post-doctorates) visits.

## LEVEL OF FUNDING AND DURATION OF PROJECTS

It is the intention of the Parties to fund research proposals selected hereunder for a term of **two years**. However, funding shall be approved on an annual basis, with the funding for the second year to be approved in accordance with the provisions of the research contracts.

It is the intention of the Parties to support **up to 4 joint projects**. The final number of projects to be funded will be determined based on such factors as merits of the proposals upon scientific evaluation and budgetary considerations.

The total maximum project funding for all research projects approved under this Call is 80,000 US Dollars (272,000 ILS) for the Israeli side and 52,000 US Dollars for the Ukrainian side. The total maximum funding for an individual project on the Israeli side will be up to **20,000 US Dollars** (68,000 ILS), for a two-year period. On the Ukrainian side, the total maximum funding for an individual project will be up to **13,000 US Dollars** for a two-year period.

In accordance, research projects should be planned on a two-year basis beginning approximately in the second half of 2022; contracts will be signed accordingly.

**Funding for the approved projects depends on the availability of funds and the approval of the State Budget in each country.**

## ELIGIBILITY

1. Projects must be conducted by collaborating Israeli and Ukrainian scientific research teams.

2. Each research team must be led by a Principal Investigator (PI) from each country. The PI must be member of an academic or research institution or a professor emeritus who continues working on research in an academic or research institution (hereinafter called the “Affiliated Institution”);

**In Israel**, the "Affiliated Institution" must be one of the following:

* + - 1. An accredited institution of higher learning in Israel, according to the Council for Higher Education Law, 1958;
      2. A Research Institute which is a nonprofit organization, a government company or a governmental unit.

For the purpose of this Call, a "Research Institute" in Israel is a research institute whose significant portion of activity is the advancement of cutting-edge scientific knowledge, possessing appropriate infrastructure and equipment, and employing researchers who, inter alia, publish articles related to their research in leading scientific journals in the world, and who present their research at international symposia.

Projects in Israel may include the use of sub-contractors from the private sector, if necessary.

**In Ukraine**, the "Affiliated Institution" must be one of the following:

1. An accredited institution and universities of higher education in Ukraine, according to the Law of Ukraine “On Education”, 2014;
2. A Research Institution.

Projects in Ukraine should not include the use of sub-contractors.

**In both countries:**

3. Each researcher can submit only once as Principal Investigator, but can be a partner in several projects.

4. Each PI and each affiliated institution is accountable to MOST or MESU, respectively, for the execution of the project.

5. Proposals for which funding is approved, which include experiments with animals, must submit the approval of the relevant Committee for Experimentations on Animals before the project can commence.

6. Experiments Committee Approval:

* Proposals for which funding is approved, which include experiments with animals, must submit the approval of the relevant Committee for Experimentations on Animalsbefore the project can commence.
* Proposals for which funding is approved, which involve human beings, must submit the approval of the relevant IRB/Helsinki Committee before the project can commence.
* For research proposals involving experiments with engineered plants and related microorganisms – approval by the Commission for engineered plants.

## SUBMISSION OF RESEARCH PROPOSALS

The proposal must be prepared and carried out jointly by the Israeli and the Ukrainian project partners and should be submitted simultaneously by both the Ukrainian and Israeli principal investigators, respectively to MESU in Ukraine and to MOST in Israel.

**Joint deadline for applications: 15/03/2022 at 15:00 (Local time in each country). Proposals will not be accepted under any circumstances after the specified date and hour**.

**Instructions for Israeli research teams**:

For the Israeli side, the application should be submitted through the Science Forefront site, at <https://kf.most.gov.il.>

In order to apply, the applicant needs to fill an "Account Request" on the Science Forefront site. The request should be approved by the Research Authority of the Affiliated Institution. Once the account is approved, the applicant will be notified by email accordingly.

Please be advised that as technical problems are expected, it is strongly recommended to submit the application well in advance of the application deadline.

i. The Principal Investigator must submit the proposal in English via the Science Forefront site by **8 March, 2022 at 15:00 local time**. The online system will be closed for submissions by the specified date and hour and no submissions will be accepted under any circumstances after the due date. **It should be emphasized that an Israeli researcher who will not submit his pre-proposal on 8 March, 2022 at 15:00 local time will not be able to do so at a later date.**

ii. A proposal thus submitted can be edited by the researcher, in coordination with the Affiliated Institution, until the final joint deadline.

iii. The Affiliated Institution must submit the final proposal not later than by the final submission date, **15 March, 2022 at 15:00 local time** (Israel time). Proposals not submitted by the Affiliated Institution through the online system by this time, will be disqualified.

**Please pay attention, as technical problems are possible and the submission process may take a significant amount of time, it is strongly recommended to submit the application well in advance of the application deadline.**

**The application must be submitted through the "Science Forefront" site at:** [**https://kf.most.gov.il**](https://kf.most.gov.il)

**(In order to apply for the first time, the applicant needs to fill an "account request" in the Science Forefront site. The request will be approved by the research authority of the Institute. Once approved, the applicant will be notified by email that the account is active.)**

**Instructions for Ukrainian research teams**:

Submitted project applications have to include up to 10 pages of the following sections:

1. Topic
2. Background of the project
3. Names and addresses of the co-operating Ukrainian and Israeli institutions, co-ordinators and research team members
4. Detailed description of the proposed research subject and objectives, including the methodological part
5. Work plan, start date and duration of the co-operation project. Stage plan of works
6. Results expected to be achieved
7. Visits under the project
8. Proof of qualifications of the co-ordinators
9. Involvement of young and female scientists (if applicable)
10. Annual calculation of costs for the realization of the co-operation project
11. Further cooperation perspective

A joint project proposal has to be prepared jointly by the Ukrainian and Israeli researchers and has to be submitted to the national institutions responsible for implementing the work programme. Both the printed and electronic version can be downloaded from the official web-site of the MESU (<https://mon.gov.ua/ua>) under “Call for Papers”.

**Ukrainian PIs shall send 2 hard copies of their proposals and electronic version of the Application by 15/03/2022 at 15:00**, to the following address:

Ministry of Education and Science of Ukraine

"Call for Proposals – Ukraine-Israel Program 2022-2023"

16, T. Shevchenko Blvd, Ukraine, Kyiv, 01601, Ukraine

**For both countries**:

A valid project application consists of the appropriated application form **duly filled in and signed**, together with all the necessary application documents required from each side of a joint research team as detailed above, submitted respectively to MESU in Ukraine and to MOST in Israel. **If the applications are not duly received both in Ukraine and in Israel by the date and hour indicated above, the proposal will be rejected**.

## FUNDED EXPENSES

Funding provided by this Call is intended to enhance joint collaboration between Ukrainian and Israeli scientists. Funding will therefore be provided mainly in support of the collaboration vectors and of the local research that is necessary for the collaboration. In any case, each budget item or expenditure for which reimbursement is requested must conform to the respective national rules of each applicant.

The Proposal must include a fully detailed budget plan.

**For Israeli researchers**:

Funding can be provided by MOST for:

(1) Stipend or salary for graduate students, post-doctoral fellows, technicians and/or laboratory workers retained specifically for the purpose of the project for a temporary period of up to 2 years, not including salaries for permanent staff and PI's;

(2) Consumables. In case they exceed 3,000 NIS, a detailed explanation regarding their necessity and quantities is required;

(3) Small scale equipment needed only for the specific research project. MOST will enable purchase of computers or laptops only in special cases in which they are part of the research project or are of unique capacities needed for the specific research;

(4) Travel and visiting costs;

(5) Joint seminars and workshops;

(6) Overhead expenses up to 15% of the total amount of the research project.

**For Ukrainian researchers**:

Funding can be provided by MESU for:

(1) Personnel costs (salaries for permanent staff and PI's including taxes);

(2) Materials and reagents;

(3) The cost of a short trip (no more than 1 month) of Ukrainian scientists / researchers to Israel;

(4) The costs of health insurance;

(5) The cost of staying in the other Party.

## MUTUAL VISITS

Participating researchers are encouraged to spend an extended period of time visiting their counterparts’ institutions, given that such visits are an integral part of the research collaboration. Each side shall cover the cost of research visits to the other side. All costs for travel, accommodation, per diem and any other visiting expenses for each visiting scientist will be included in the budget of that scientist's research team. Funding provided under this Call may only be used for visits that take place in Ukraine or Israel; visits to third countries may not be financed by project funds.

## PROPOSAL REVIEW

After the proposals are pre-evaluated and rated by international external reviewers, they will be jointly evaluated for final ranking by a Joint Ukrainian-Israeli Committee. MOST and MESU will decide which and how many projects will be funded and in what amounts based on the results of the evaluation process and ranking and in view of budget requirements and other constraints.

The evaluation process will be conducted on the basis of the following criteria:

1. Conformity with the program research topics defined above;
2. Significance (quantitative whenever relevant) of the problem being addressed, and the potential impact of the proposed approach on solving it. Proposals should address these issues explicitly and provide as much evidence as possible;
3. Scientific merit, with emphasis upon the originality and novelty of the proposed research;
4. Clarity and quality of the research proposal itself – presentation of the topic, definition of research objectives, presentation of research methodology and detailed program of work;
5. Feasibility of the research program;
6. Practical applicability of expected research results;
7. Extent of genuine collaboration between the Ukrainian and Israeli research teams;
8. Level of involvement of young researchers (PhD students and/or post-doctorates).
9. Justification of the requested project budget.

## CONTRACTS, PAYMENTS AND REPORTS

1. The expected starting date for approved projects is the third quarter of 2022. The expected completion date is two years after the starting date of the approved projects.

2. **Contracts**:

Upon approval of a particular project, separate contracts will be signed in Ukraine and Israel respectively, between MESU and the Affiliated Institution of the Ukrainian PI and between MOST and the Affiliated Institution of the Israeli PI.

3. **In Israel,** in principle, the project's period is two years. However, funding must be approved on an annual basis, with the funding for the second year to be approved in accordance with the provisions of the research contract. The parties to this Call reserve the right not to fund a second year of work for scientific-professional, administrative, budgetary or policy reasons.

An application for the continuation of research funding for the second year must be submitted by the Affiliated Institution of the Israeli PI to MOST on the appropriate forms at least two months prior to the end of the first year of the project together with the annual scientific report.

**In Ukraine**, the project's period is two years. However, funding must be approved on an annual basis, with the funding for the second year to be approved in accordance with the provisions of the research contract. The parties to this Call reserve the right not to fund a second year of work for scientific-professional, administrative, budgetary or policy reasons.

4. **Payments**:

Payments will be made by MESU and MOST to the Affiliated Institution of each Principal Investigator, respectively, in keeping with the provisions of the contracts referred to above, according to the regulations and practices in force in each country.

5. **Reports**:

a) Financial Reports

Financial reports will be submitted to MESU or MOST, respectively, by the Affiliated Institutions of each PI as specified in the research contracts and MESU or MOST's respective policies.

b) Scientific Reports

Within two months after the conclusion of the project, each PI will submit a full final report to MESU or MOST, respectively, in accordance with the contract or the regulations in force in his/her country and the PIs will submit a joint summary of the final report both to MESU and MOST in English.

Each Ukrainian PI will submit a full final report to MESU, in accordance with the contract or the regulations in force in Ukraine as well and financial reports and other relevant documents.

Additional interim progress reports may be required, according to the practices and regulations of each country, as specified in the research contracts.

## SPECIAL PROVISIONS REGARDING ISRAELI APPLICANTS

All procedures and activities under this Call or the projects approved hereunder, including the eligibility of institutions via which applications must be filed, are subject to the standard MOST Procedures Regarding Scientific Projects and Scholarships Funded by MOST and to the MOST Standard Contract for Scientific Projects (both documents referred to hereinafter as "the Standard Terms").

Applicants are required to familiarize themselves with the Standard Terms before filing an application under this Call; filing an application constitutes a declaration that the applicant has done so and agrees to be bound by the provisions thereof.

**Sabbatical Leave:**

Israeli researchers who intend a sabbatical leave in the first year of the project cannot be approved as a PI of the research proposal. A PI who intends a vacation or absence longer than three months should request permission from MOST in advance through the relevant R&D Authority. A substitute to the PI will not be approved in the course of the first year.

## MISCELANEOUS PROVISIONS

The Ukrainian and Israeli research teams and their Institutions may enter into a “Cooperation Agreement”, regarding Intellectual Property rights from the output of the financed project.

## INFORMATION

Additional information can be obtained from the following contact persons:

**ISRAEL**:

**On administrative matters:**

**Ms. Meira BINYAMIN**

Senior Coordinator Research & Scholarship Funds

Department for General Planning & Control, MOST

Tel: + 972 (2) 5411170/173/800/829

[meirab@most.gov.il](mailto:meirab@most.gov.il)

**Mr. Roni GOLDBERG**

Department Director

Division for International Relations, MOST

Tel: + 972 (2) 5411135

Email: [ronig@most.gov.il](mailto:ronig@most.gov.il)

**On scientific matters:**

**Dr. Fadil SALIH**

Director for Applied Mathematics and Physics, MOST

Tel: + 972 (2) 5411816

Email: [fadils@most.gov.il](mailto:fadils@most.gov.il)

**Dr. Alex ALTSHULER**

Director for Social Sciences and Humanities, MOST

Tel: + 972 (053) 7740240

Email: [alexa@most.gov.il](mailto:alexa@most.gov.il)

**MOST website**: [www.most.gov.il](http://www.most.gov.il)

**UKRAINE**:

**On administrative matters:**

**Dr. Andrii D. OSTAPENKO (PhD)**

Head of the Sector for the implementation

of international research and innovation projects

Directorate of Science and Innovation

Ministry of Education and Science of Ukraine

16, T. Shevchenko Blvd, Kyiv 01601, Ukraine

Tel: + 38 (044) 287 82 15

Email: [a\_ostapenko@mon.gov.ua](mailto:a_ostapenko@mon.gov.ua)

**Ms. Iryna LEVYTSKA**

Senior Specialist

Sector for the implementation of international

research and innovation projects

Directorate of Science and Innovation

Ministry of Education and Science of Ukraine

16, T. Shevchenko Blvd, Kyiv 01601, Ukraine

Tel: + 38 (044) 287 82 35

Email: [i\_levytska@mon.gov.ua](mailto:i_levytska@mon.gov.ua)

**MESU website**: [www.mon.gov.ua](http://www.mon.gov.ua)