### 1. General information.

- a. Title of the project.
- b. Key words.
- c. Abstract of the project. The following aspects have to be explained.
  - i. Goals of the project.
  - ii. Relevance and importance of the topic of the project.
  - iii. Up-to-date status of the research area of the project.
  - iv. World specialists in the research area of the project.

# 2. Team of the project.

- a. The project team leader. The following aspects have to be specified.
  - i. Name of the project team leader.
  - ii. Contacts of the project team leader: email, phone number, homepage (when available).
  - iii. Affiliation of the project team leader.
- b. Leading researchers (including the project team leader if the project team leader is a leading researcher). The following aspects have to be specified for each leading researcher.
  - i. Name.
  - ii. Age.
  - iii. Scientific degree.
  - iv. Affiliation.
  - v. Links to profiles in the international bibliographic and reference databases: Scopus, Web of Science, Mathscinet.
  - vi. Homepage (when available).
  - vii. List of five main publications on the project topic.
  - viii. Justification of belonging to the category of leading researchers. If the leading researcher is the head of an existing international scientific team whose scientific activities are related to the research area of the project, this paragraph may indicate, in particular, the achievements of this international team.
- c. Researchers (including the project team leader if the project team leader is a leading researcher). The following aspects have to be specified for each researcher.
  - i. Name.
  - ii. Age.
  - iii. Scientific degree.
  - iv. Affiliation.
  - v. Links to profiles in the international bibliographic and reference databases: Scopus, Web of Science, Mathscinet.
  - vi. Homepage (when available).

Also when filling in this item it is necessary to write about the following aspects.

- i. The planned number of postdocs involved to the team of the project.
- ii. The procedure according to which postdocs are planned to be attracted (with dates).

	1 year	2 year	3 year
The planned number of			
postdocs involved to the			
team of the project			

- d. Undergraduate/graduate/postgraduate students. When filling in this item it is necessary to write about the following aspects.
  - i. Approximate number of undergraduate/ graduate/postgraduate students to be involved to the team of the project.

ii. Procedures according to which undergraduate/ graduate/postgraduate students are planned to be attracted (with dates).

	1 year	2 year	3 year
The planned number			
of undergraduate/			
graduate/postgraduate			
students involved to			
the team of the project			

#### 3. Finances.

- a. Requested amount of annual funding.
- b. Justification of the requested amount of annual funding. Filling in this item one can take into account the project team size, the planned amount of business trips (incoming and outgoing), planned research activities (conferences etc) and so on.

## 4. Scientific proposal.

- a. Problems to be studied within the project implementation. The following aspects have to be explained.
  - i. Relevance and importance of each problem.
  - ii. The possible consequences for science and/or industry of solving each problem planned in the project.
  - iii. Possible international cooperation in working on each problem planned in the project.
- b. Detailed schedule of work for the first year of the project. In this item it is necessary to specify the program of face-to-face and remote work of leading researchers on the project. In case a leading researcher is the head of an existing research team, whose scientific activity is related to the project research areas, the application may contain the members of the team, whose head is the leading researcher, with whom it is planned to work face-to-face within the project. In addition, approximate dates of this joint face-to-face work should be indicated.
- c. Scientific events planned to be held as part of the work on the project.
- d. Planned number of papers to be published during the project implementation.

	'	0 1 1	
	1 year	2 year	3 year
The number of Q1-Q2			
paper			
The number of Q1			
papers			

# 5. Educational proposal

- a. Plans for conducting educational activities with students who are not necessarily part of the team of the project.
- b. An approximate program of interaction between leading researchers involved in the project and undergraduate/graduate/postgraduate students, both in face-to-face and remotely. In case a leading researcher is the head of an existing research team, whose scientific activity is related to the subject of the project, and if it is planned to attract participants of this team, then it is necessary to display an approximate program of interaction with them both face-to-face and remotely.

# 6. Extra.

In this section, one may specify any additional activities planned by the project team. Examples of such activities follow.

a. Cooperation with the real sector of economics (research and development for industrial/business organizations).

- b. Participation in other research projects implemented by the Mathematical Center in Akademgorodok, including interdisciplinary and/or industry/business projects.
- c. Working with schoolchildren
- d. Participation in the workshop of the Mathematical center in Akademgorodok.