INSTRUCTIONS TO APPLICANTS

1. IFCAM will consider and support proposals for collaborative advanced research between scientists / institutions in India and scientists / institutions in France. Proposals can be made in any area of applied mathematics (interpreted broadly to include applications in science and engineering provided they have a non-trivial mathematical content). The proposal should be original, collaborative and of high scientific quality.

2. **Last date** for receipt of proposals at IFCAM is **June 28**, **2013**.

3. A proposal should be jointly submitted by one Principal Collaborator in India and one Principal Collaborator in France. The two Principal Collaborators shall be responsible for the conduct of the project. In addition to the two Principal Collaborators, there may also be one or more Joint Collaborator(s) from India and France. The Joint Collaborators may be from the same institutions as the respective Principal Collaborators or from other institutions. By submitting the proposal to IFCAM, the Principal Collaborator certifies that all other collaborators have given their consent. Any change of Principal Collaborator(s) or Joint Collaborator(s) or the institution(s) where the work is being carried out would be possible only with the permission of IFCAM.

**IMPORTANT**

Proposals should be submitted by email to [ifcam@math.iisc.ernet.in](mailto:ifcam@math.iisc.ernet.in) as a pdf document. In addition one complete set should be submitted as a hard copy (complete paper set) with the originals of the cover page and certificates signed by the Heads of Institutions.

The proposal should contain the following items in the same order:

1. Project identification.
2. Detailed Project Description (not exceeding 5000 words) and relevant data, budget estimates and planned international travels.
3. Annexure A: Biodata of each of the two Principal Collaborators containing, *inter alia,* academic qualifications & research experience along with a list of not more than 10 most significant publications during the last five years.
4. Annexure B: One certificate from the Head of the Institution of the Indian Principal Collaborator and one certificate from the Head of the Institution of the French Principal Collaborator, both certificates being on letter-head (en-tête).

|  |  |
| --- | --- |
|  |  |

# IFCAM PROJECT IDENTIFICATION

**PROPOSAL N°:**

**(to be filled by IFCAM)**

**TITLE in English:**

**(50 char. at most)**

**TITLE in French:**

**(50 char. at most)**

**DURATION OF THE PROJECT:**

**PRINCIPAL COLLABORATOR (Indian): Name and Affiliation**

**PRINCIPAL COLLABORATOR (French): Name and Affiliation**

**SUMMARY (English): 10 lines max.** (10 pts font)

# Part I : PROJECT DESCRIPTION and other Related Information

**The detailed description (in English) of the project should be organised within the six following items (items 110 to 160) with an overall length not exceeding 3000 words *(boxes will expand with increasing text length)***

**110. Objectives of the project as bullet points:**

**120. State of the art (with relevant references from major journals):**

**130. Novelty of the project:**

**140. Work plan and methods:**

Projects in which participants have already joint publications will be referenced as Joint Research Projects (JRP), while the other ones will be referenced as Exploratory Projects (EP). The difference is that EP are limited to 2 years (with possible extension) and cannot ask for post doctorate positions on untargeted resources. (See Part II where some explanations are given about targeted and untargeted resources.)

150. List of previous joint publications (if applicable).

160. Suggested referees for evaluation of the project (please suggest not more than five Indian and five French referees with their addresses including e-mails. Do not mention close collaborators.) *You may also indicate name(s) of scientists to whom the proposal should not be sent, in your opinion, for reasons of conflict of interest.*

**PART II – Plan of visits**

## The program of visits for the 2nd and 3rd year can be indicative.

Some French institutions have provided targeted funds to cover expenses of visiting faculty, post-docs and students under the IFCAM project, details of which can be obtained by the French collaborator from his/her institution. If you propose to use these funds for some visits please indicate this below. The resources which are not targeted by a French institution are named untargeted resources.

**210. Visits from India to France**

**First Year** (Visits from 2 weeks up to a maximum of 3 months – Post-doctorate positions will appear elsewhere – Indicate if the visit may be supported by targeted resources)

For each visit, indicate name, duration of stay, expected period and activities to be performed during the visit

Visits of Faculty members

Visits of PhD students

Visits of Young scientists (PhD degree holders without a permanent position)

**Second Year** (Visits from 2 weeks up to a maximum of 3 months – Post-doctorate positions will appear elsewhere – Indicate if the visit may be supported by targeted resources). The visits for the second and third years are given for information but could be updated at the end of each year.

For each visit, indicate name, duration of stay, expected period and activities to be performed during the visit

Visits of Faculty members

Visits of PhD students

Visits of Young scientists (PhD degree holders without a permanent position)

**Third Year** (Visits from 2 weeks up to a maximum of 3 months – Post-doctorate positions will appear elsewhere – Indicate if the visit may be supported by targeted resources)

For each visit, indicate name, duration of stay, expected period and activities to be performed during the visit

Faculty members

PhD students

Young scientists (PhD degree holders without a permanent position)

|  |
| --- |
|  |

**211. Visits from France to India**

**First Year** (Visits from 2 weeks up to a maximum of 3 months – Post-doctorate positions will appear elsewhere – Indicate if the visit may be supported by targeted resources)

For each visit, indicate name, duration of stay, expected period and activities to be performed during the visit

Visits of Faculty members

Visits of PhD students

Visits of Young scientists (PhD degree holders without a permanent position)

**Second Year** (Visits from 2 weeks up to a maximum of 3 months – Post-doctorate positions will appear elsewhere – Indicate if the visit may be supported by targeted resources). The visits for the second and third years are given for information but could be updated at the end of each year.

For each visit, indicate name, duration of stay, expected period and activities to be performed during the visit

Visits of Faculty members

Visits of PhD students

Visits of Young scientists (PhD degree holders without a permanent position)

**Third Year** (Visits from 2 weeks up to a maximum of 3 months – Post-doctorate positions will appear elsewhere – Indicate if the visit may be supported by targeted resources)

For each visit, indicate name, duration of stay, expected period and activities to be performed during the visit

Faculty members

PhD students

Young scientists (PhD degree holders without a permanent position)

|  |
| --- |
|  |

**220. Post-doc to be appointed in the project (this position can be provided only against a designated candidate)**

**For each post-doc fill the following items – Indicate if the post-doc will be supported by targeted resources or untargeted resources. The duration for post-doc supported by targeted resources is 6 months.**

221. Name:

222. Current position

223. Current address

224. Biodata of the post-doc with list of publications

225. Three reference letters to be provided (can be sent by email to [ifcam@math.iisc.ernet.in](mailto:ifcam@math.iisc.ernet.in))

226. Proposed period of the post-doc position:

227. Scientific programme of the post-doc (1 page maximum)

**230. Complete list of members involved in the project with Institutional Affiliation, including the principal investigators. For collaborators who are not involved in the visit program, please indicate their role in the project.**

**ANNEXURE A: COLLABORATORS**

**300. Principal Collaborator from India** (Please attach biodata and list of not more than ***10*** *MOST* relevant publications in the last five years. In particular, include joint publications with the French collaborator(s), if applicable)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 301. | Name and Designation | | | | | | | | | | | | | | | | |
| 302. | Sex | Male | | |  | Female | | | |  |  | | | | | | |
|  |  |  |  |  | | |  |  |  | | |  | |  |  |  |
|  |  |  |  |  | | |  |  |  | | |  | |  |  |  |
| 303. | Date of Birth |  |  |  | | |  |  |  | | |  | |  |  |  |
|  | (Date) | | | (Month) | | | | | | | | | (Year ) | | | | |
|  |  | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | |
| 304. | Name of the Institution | | | | | | | | | | | | | | | | |
| 305. | Name and Designation of the  Head of the Institution | | | | | | | | | | | | | | | | |
| 306. | Address :– Institution | | | | | | | | | | | | | | | | |
|  | Telephone No. : | | | | | | | | | | | | | | | | |
|  | Fax No. : | | | | | | | | | | | | | | | | |
|  | e-mail :– | | | | | | | | | | | | | | | | |
| 307. | Address :– Residential | | | | | | | | | | | | | | | | |
|  | Telephone No. : | | | | | | | | | | | | | | | | |
|  | Fax No. : | | | | | | | | | | | | | | | | |
|  | e-mail:– | | | | | | | | | | | | | | | | |

**350. Principal Collaborator from France** (Please attach biodata and list of not more than ***10*** *MOST* relevant publications in the last five years. In particular, include joint publications with the Indian collaborator(s), if applicable)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 351. | Name and Designation | | | | | | | | | | | | | | | | |
| 352. | Sex | Male | | |  | Female | | | |  |  | | | | | | |
|  |  |  |  |  | | |  |  |  | | |  | |  |  |  |
|  |  |  |  |  | | |  |  |  | | |  | |  |  |  |
| 353. | Date of Birth |  |  |  | | |  |  |  | | |  | |  |  |  |
|  | (Date) | | | (Month) | | | | | | | | | (Year ) | | | | |
|  |  | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | |
| 354. | Name of the Institution | | | | | | | | | | | | | | | | |
| 355. | Name and Designation of the Head of the Institution | | | | | | | | | | | | | | | | |
| 356. | Address :– Institution | | | | | | | | | | | | | | | | |
|  | Telephone No. : | | | | | | | | | | | | | | | | |
|  | Fax No. : | | | | | | | | | | | | | | | | |
|  | e-mail :– | | | | | | | | | | | | | | | | |
| 357. | Address :– Residential | | | | | | | | | | | | | | | | |
|  | Telephone No. : | | | | | | | | | | | | | | | | |
|  | Fax No. : | | | | | | | | | | | | | | | | |
|  | e-mail:– | | | | | | | | | | | | | | | | |

**ANNEXURE B: CERTIFICATES**

**Note: Please give this certificate on letterhead**

**Certificates from the Heads of the Institutions of the Principal**

**Collaborators from India and France**

In order to result in effective, long lasting interactions between scientists of the two countries, it is desired that collaborative programmes supported by IFCAM should correspond to scientific interests of all collaborating laboratories, and not only to those of isolated investigators from these laboratories. For this reason, heads of collaborating laboratories are requested to commit themselves, by verifying that the proposed programme corresponds effectively to a major interest of the group they are responsible for, and by indicating the amount of resources (in terms of recurring expenses, equipment and manpower) allocated to the project from their own budget.

**Project Title:**

|  |  |
| --- | --- |
| (1) | Certified that this institution agrees to the participation of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(Name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(Designation) in this Institution as Principal Collaborator for the above project which is being submitted for support to the Indo–French Centre for Applied Mathematics. |
|  |  |
| (2) | Certified that the infrastructural facilities related to the project activity available in this institution including equipment, manpower and other facilities, and all necessary administrative support will be extended for the project. |
|  |  |
| (3) | This institution assumes to undertake the financial and other responsibilities of the part of the project work which will be conducted in this country. |

|  |  |
| --- | --- |
| Date: | Name & Signature  of the Head of the  Institution |
| Place: | Seal |