**INFN-ASRT Proposal Joint Application Form**

**Cover Page**

|  |  |
| --- | --- |
| Title of the Project (in English) |  |
| Title of the Project (in Arabic) |  |
| \*Name of Egyptian Applicant:  | English:Arabic: |
| Affiliation of the Egyptian applicant |  |
| Full post and web addresses |  |
| Email – fax - telephone |  |
| \*Name of Italian Applicant:  | English:Italian: |
| Affiliation of the Italian applicant |  |
| Full post and web addresses |  |
| Email – fax - telephone |  |
| Total Requested Budget: | **ASRT share ($):** | **INFN Share ($):** |
| Duration of the project:  |  |
| Date of Submission: |  |

*\*As he/she writes in Int. publications, underline family name*

**Project Area (***Please check one only***):**

|  |  |
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| * Applications in Nuclear Medicine
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| * + Radiotherapy for Tumor Treatments
 | □ |
| * + Mathematical simulation of biophysical systems
 | □ |
| * + Research on the Biological Action of Heavy Charged Particles with Different Energy
 | □ |
| * Applications in Material Science
 |  |
| * + Materials for alternative energy (composite materials for WT blades – materials for PV)
 | □ |
| * + Neutron activation analysis; analysis of new materials, surfaces, and food quality; biometric studies
 | □ |
| * + Study of nanosystems by neutron scattering methods
 | □ |
| * + Magnetism of layered nanostructures; nanodiagnostics of magnetic colloid systems in volume and interface, of carbon nanomaterials, and of polymer nanodispersion materials.
 | □ |
| * Basic Sciences
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| * + Experimental investigation in particle physics (at high, low and intermediate energies)
 | □ |
| * + Investigation of nuclear structure (including relativistic nuclear physics and nuclear spectroscopy)
 | □ |
| * + Direct nuclear reactions and heavy ion collisions
 | □ |
| * + Phenomenology of Heavy Ion Collisions at relativistic energies
 | □ |
| * + Study of condensed matter properties
 | □ |
| * Topics of nuclear safety
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| * + Radioactive waste management
 | □ |
| * + Radiation protection
 | □ |
| * + Manufacturing of cheap radiation detector
 | □ |
| * + Transmutation
 | □ |

***Keywords:***

**Conditions and Guidelines**

* *The text written in italics is only provided for guidance, and should be removed from your proposal.*
* *Please fill out the application form in English unless otherwise stated.*
* *All proposals must be uploaded by the Egyptian and by the Italian Principle Investigator to the ASRT and INFN website (*[http://www.asrt.sci.eg/ *&* http://www.infn.it/](http://www.asrt.sci.eg/%20%26%20http%3A//www.infn.it/) *), respectively. Proposals submitted by e-mail or sent as hard* ***copies will not be considered****.*
* *The total number of pages of the application should not exceed* ***15 pages*** *including cover page, CVs of Egyptian and Italian Principal Investigators. Applications exceeding pages limit or not prepared according to this application* ***will not be considered.***
* ***h index, total citations*** *and total no. of international publications can be easily retrieved from this website* [*http://www.scopus.com/search/form/authorFreeLookup.url*](http://www.scopus.com/search/form/authorFreeLookup.url)
* ***Read carefully and adhere to ASRT and INFN guidelines, IPR rules, code of ethics, …etc.* (**[www.asrt.sci.eg/ *&* www.infn.it/](http://www.asrt.sci.eg/%20%26%20www.infn.it/))*. These are an integral part of ASRT contracts.*
* *A signed and sealed acceptance letter from the Italian partners indicating very clearly their willingness to participate in the project is a must*
* *ASRT/INFN technical decisions made by remote reviewers or panels of experts are final.*

**Part A: Biographies of PIs**

*For each PI (Italian and Egyptian), a biography (resume) of one page maximum should be provided. (Please follow the CV format hereafter)*

|  |
| --- |
| 1. Basic Information |
| Full Name in English  |
| Date of Birth:  |  |
| National ID |  |
| Last University Degree  | **Faculty, University, Country** | Graduation Date  |
| Title:  | Field of specialization: |
| Affiliation: |  |
| Current Position: |  |
| Contact Information:Mobile Phone: Fax: E-mail: |
| 2. Scientific Achievements |
| *h* index | **Citations** | Total no. of Int. publications in Scopus |
| Best Five Relevant Publications and/or granted patents*Authors (underline your name), year, title, Journal, vol. and pages* |
| 1 |  |
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| 3 |  |
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| If applicable, state other salient scientific achievements such as national and int. scientific prizes  |
| Previous or running projects with ASRT (for Egyptian) or INFN (for Italian)1. Running (ID no. & type of grant, role of applicant and budget)
2. Previous (ID no., type, role of applicant and deliverables to be attached)
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**Part B: Research Proposal (*In ENGLISH*)**

*The research proposal (concept note) should provide a clear and concise definition of the problem to be investigated, project’s objectives, general method or approach that will be followed to reach these objectives and expected measurable outcomes from implementation of the proposed project. The proposal (Part B) should not exceed* ***15 pages*** *and must include the following:*

1. **Joint abstract:** *it should describe the proposed research, objectives, methodology, expected outcomes and economic potentials impact* ***(One page only).***
2. **Statement of the degree of collaboration and the role of each PI:** *Describe the nature of cooperation and the actual role of each PI in the implementation of the projects. It is worth to highlight why such cooperation is important for both countries and responsibilities of both partners* (***Two pages only).***
3. **Problem Definition:** *Describe the problem you are going to tackle in the project, and explain how the proposed concept meets the up-to-date requirements to improve performing e functions of your institution* ***(One page only).***
4. **State-of-the-Art:** *Describe the state-of-the-art in the project subject matter. Also, describe any previous achievements or pilot studies which have been conducted by you (your team) within the project subject matter. It is worth mentioning your relevant international publications, patents and former research grants in the project subject matter in this section of the proposal* ***(One page only).***
5. **Objectives:** *Briefly and succinctly state your project’s main and specific objectives* ***(Half a page only).***
6. **Approach and Methodology:** *Describes how your project will be implemented, including your general scientific approach (Plan of work), activities, methods, and project inputs. Specify the methods only to the extent needed to give a general idea of the tasks to be conducted and the findings it will yield* ***(Five pages maximum).***
7. **Project Outcomes and Impact:** *Expected outcomes in accordance with added value of this collaboration, its relevance for the industry and society, significance to researcher training and to the development of the research environment, and strengthening research cooperation between Egypt and Italy over the long term.* ***(One page maximum).***
8. **Joint budget:** *Including separate budgets for both partners. A budget may include costs for salaries, researcher mobility, joint meetings, seminars, equipment and consumables, overhead, travels, etc. Each applicant shall state justification of costs.* ***(Two pages maximum).***
9. **Key References:** *List outstanding, recent and relevant literature cited in the proposal* ***(One page maximum).***
10. **Gantt chart and Logical Framework Matrix (LFM)**

**Year 1**

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| **Task No.** | **Task Title** | **Start Date** | **End Date** | **Duration (Months)** | M1 | M2 | M3 | M4 | M5 | M6 | M7 | M8 | M9 | M10 | M11 | M12 | **Expected measurable outcomes of successful implementation of the task** |
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**Year 2**

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| **Task No.** | **Task Title** | **Start Date** | **End Date** | **Duration (Months)** | M1 | M2 | M3 | M4 | M5 | M6 | M7 | M8 | M9 | M10 | M11 | M12 | **Expected measurable outcomes as a result of successful implementation of the task** |
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*The Gantt chart is a graphical representation of a project’s schedule which illustrates the work breakdown structure. To develop the Gantt chart, start by specifying the main tasks/ activities making up the project. Then break down each main task/ activity to its sub tasks/ sub activities. The time required for each task/activity and sub tasks/sub activities is represented as a horizontal bar on the chart. Those horizontal bars of varying lengths represent the sequences, timing, and time span for each task/ sub task. A column titled: expected outcomes as a result of successful implementation of each task was added to Gantt chart, accordingly this table is a merge between Gant chart and LFM.*

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| ***Describe additional costs if necessary on a separate sheet of paper*** |  |  |  |  |  |  |  |
| ***The Egypt and Italy budget requests need not be equal******For Egyptian side, budget should not exceed $10k per year*** |  |  |  |  |  |  |  |
| ***Egyptian institution stamp on the budget sheet is required*** |  |  |  |  |  |  |  |

**Declaration**

By signing this declaration, the applicant certifies that he/she has carefully read ASRT's rules and regulations ([www.asrt.sci.eg](http://www.asrt.sci.eg)) governing ethical conduct and IPR, and agrees to and accepts the terms and conditions. The applicant also certifies that all information given in this application is true on his/her own responsibility, and that this proposal has not been submitted nor funded before from any other source neither national nor international.

**The applicant full name:**

**National ID:**

**Signature**

**Date and Place:**

**Egyptian Scientists seeking Italian partners are kindly check the INFN website** [**www.infn.it**](http://www.infn.it)