**Application for a BAG at the ESRF – Project Description Form**

# Proposal Summary: (2 pages) - *Please give a description of the BAG proposal and request including the overall scientific, technical or technological background, relevance and objective. The scientific excellence of this proposal needs to be clearly demonstrated.*

1. **Background (state of the art**) - *Please introduce the state of the art in this field and the present challenges.*
2. **Scientific advances with respect to the state of the art –** *Please describe the scientific advances proposed within this BAG.*
3. **General and specific scientific objectives -** *Please list clearly the general and specific objectives that this BAG proposal wishes to achieve.*
4. **Technical developments** – P*lease describe here, if applicable, any technical developments required to achieve the declared objectives.*
5. **Long-term vision and societal impact**

# 2. Motivation and management of the BAG (0.5 page).

* 1. What are the benefits in creating a BAG rather than using the standard proposal access route:
  2. BAG management description – *give a clear description of how the BAG will be managed, e.g. how the coordinator will distribute beamtime between partners, organisation of training sessions…)*

# Beamline and beamtime request justification - *Justify the beamtime and beamlines requested by describing, as appropriate, experimental technique(s), required set-up(s), measurement strategy, sample details (quantity, preparation, mounting, etc), aligning the request with the objectives given in 1c).*

|  |  |
| --- | --- |
| **Beamline(s) Requested** | **Shifts Requested per 6-Month Period** |
|  |  |
|  |  |
| **TOTAL** |  |

# Name of your main scientific contact(s) at the ESRF for this BAG - *Please make sure that you have discussed this BAG submission in advance with the people named.*

# Sub-project Descriptions - *Please use the template below to briefly describe the sub-projects which make up this BAG request (max 1 page per sub-project)*

**Sub-project Description 1: Title 1**

(i) Principal investigator

* Name, post held, laboratory

(a) Scientific background of Principle Investigator

(b) **Relevant literature**: list up to 5 key papers with titles, from proposers and/or from literature, relevant to the scientific and/or technical aspects.

(ii) Main Collaborators:

* Name, post held, laboratory
* Name, post held, laboratory
* Name, post held, laboratory
* …

(iii) Scientific background:

(iv) Sample description:

(v) Expected results and impact:

**Sub-project Description 2: Title 2**

(i) Principal investigator

* Name, post held, laboratory

(a) Scientific background of Principle Investigator

(b) **Relevant literature**: list up to 5 key papers with titles, from proposers and/or from literature, relevant to the scientific and/or technical aspects.

(ii) Main Collaborators:

* Name, post held, laboratory
* Name, post held, laboratory
* Name, post held, laboratory
* …

(iii) Scientific background:

(iv) Sample description:

(v) Expected results and impact: