

Conférence des Grandes Ecoles

« Bernard Sutter » Mobility Grants

CALL FOR PROPOSALS 2017

1. *Objective of the BS Mobility Scholarships*

Bernard Sutter was a former student of the prestigious Ecole Polytechnique, who dedicated a significant part of his professional activity to the management of the major French Engineering Schools in Telecommunications. He paid a particular attention to international cooperation in the field of engineering and created the ARIEL association in 1999. Its objective was to encourage **bi-national research** partnerships in **engineering**. For fifteen years, the ARIEL association favoured the setting up of collaborative research projects between French and international partners having complementary skills, focused on scientific excellence and the production of applicable results. The involvement of **junior researchers** and **industrial partners** into the projects was compulsory. ARIEL offered a modest financial support to the projects to facilitate the mobility of the researchers engaged in the collaboration.

Thanks to Bernard Sutter's energy, ARIEL initiated and supported 300 research projects along the years, involving more than 50 first rank engineering schools and universities in France. ARIEL organised partnerships with ten foreign countries. In February 2016, the Conférence des Grandes Ecoles decided to create the Bernard Sutter Mobility grants in honour and memory of Bernard Sutter and to continue the action of the ARIEL association.

Three to five grants will be offered yearly to **French or international doctoral or post-doctoral students**, who participate in a bi-national collaborative research involving research teams affiliated to engineering schools, universities or public research institutes, and at least one industrial partner (preferably SMCs). The grants will partly cover travel and lodging expenses for a 4 to 6-month stay in the partner country.

2. *Eligibility*

- *Addressed (research fields)*

The research collaboration related to an application for a BS Grant should concern one the following fields:

- Micro-Electronics / Optics,
- Automation / Robotics,
- Information Science and Technology,
- Material Science,

- Transportation (Aerospace, Terrestrial and Maritime Transportation)
- Applied Chemistry / Process Engineering,
- Energy / Environment / Civil Engineering /Lodging
- Biotechnologies/ Food Engineering / Agricultural Engineering,
- Management/ Humanities and Social Sciences.

The research collaboration should have an applicative goal and should involve one or several French or foreign international industrial partners. Projects involving one or several SMCs will be given a special attention.

o *Research partners*

The mobility of a BS grant applicant must be related to a bi-national collaboration involving one or several research teams belonging to universities, engineering schools or public research institutes both in France and in the partner country. One or several industrial partners should also be involved. There exists no restriction concerning the nationality of the foreign research partners.

In case the industrial partners are not international corporate groups, they should preferably have the same nationality as the foreign research partners involved in the collaboration.

The research partners must demonstrate the activity and duration of their collaboration. The following elements will notably be considered:

- senior or junior researchers hosted in one of the partners institutions (research team or company),
- doctoral works jointly supervised or “co-tutelle” doctoral works,
- post-doctoral trainings in one of the partner research teams,
- former joint participation of all the research partners or of part of them in one or several international research projects,
- joint organisation of scientific events (conference, workshop, summer school),
- co-signed research papers in peer-reviewed scientific magazines or in peer-reviewed congress acts, books or book chapters jointly written,
- teaching in one of the foreign partners institution on a subject related to the collaboration.

Notice: *The BS grants intend to support international research collaborations that do not presently benefit from the support of an official European or international programme.*

3. Amount and use of the allocated money

Three BS mobility grants each amounting 7000 € will be offered in 2017.

The allocated money will partly or totally cover the travel and stay expenses of the researcher concerned in the partner country.

4. Stay of the BS grant beneficiary in the partner country.

During his stay in the partner country, the researcher recipient of a BS grant will be hosted by one or several partner institutions (research laboratory or company). A **Contact Scientist** will be elected among the partner institutions. He/she will be in charge of checking that the stay is

being operated in accordance with the planned schedule. The researcher or any of the partner institutions involved will report to the *Contact Scientist* any possible difficulty concerning the completion of the planned scientific programme.

5. Application to the BS grants

Applications to the BS grants should be written according to the template joined to the Call for Proposals.

The application will be submitted by one French and one foreign partner institution involved in the research collaboration.

The application deadline for the year 2016 is **July 3th 2017**.

The results of the selection will be published on **July 14th 2017** at the latest.

6. Allowance of the money to the selected candidates.

The amount of the BS grant will be distributed by the Conférence des Grandes Ecoles as follows:

- 80% of the total amount will be allowed to the candidate a few days before his departure from his home country;
- The remaining 20% will be distributed after the stay after receipt of an **Execution Report**.

The **Execution Report** will comprise:

- the list of the institutions which hosted the candidate during his stay in the partner country and the dates of stay in each of these institutions.
- details about the tasks completed by the candidate and the obtained results,
- a personal assessment by the candidate of the interest of the mobility exchange for his personal curriculum and for the collaboration that was the framework of the exchange
- evidences of the candidate's travel and stay expenses.

The **Execution Report** will be countersigned by the candidate's supervisor in his home institution and by a person in charge in one of the institutions hosting the candidate during his stay.

7. Confidentiality

Before departing from his home country, the recipient of a BS grant will sign a written agreement committing himself:

- to respect the confidentiality of all information related to his work provided by the host institutions,
- not to write any scientific communication on the results obtained during his stay unless being authorized to do so by the host institutions.

The Execution Report will not be sent to anyone other than the Evaluation Committee of the BS Mobility Grant and the Evaluation Committee will consider it strictly confidential.

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