

## Call for Applications

### Post-doctoral position (24 months)

#### « Management of basic science collaborations, Management of creativity »

Position to be filled as of April 1st, 2014

#### Context

BETA and IPHC are two well-known laboratories, specialized respectively in economics and management of innovation and creativity, and among others in Chemistry. They are developing joint research funded by USIAS<sup>1</sup> on a project entitled "C-4: Co-opetition and Core Creativity in Chemistry". This project aims at advancing our understanding of how fundamental research teams (e.g. in Chemistry) can develop and use routines and processes to strengthen their creative capabilities at lower human and financial costs.

The project endeavors to address open issues in the area of the management of creative processes during collaboration within and between high level basic sciences units within and between different institutes and universities. Drawing on BETA's strong background in research on innovation and creativity and IPHC competences in basic sciences, the group would like to strengthen its position by establishing a post-doc position dedicated to the topic of management of creativity in basic science teams on a two-year basis.

Specific attention is devoted to conditions for knowledge creation and creativity among individual scientists, organizations (research labs, universities etc.) and how the two levels of analysis relate to each other.

#### Missions

- The post-doc carries out scientific research in the fields of management of creativity. He/she publishes in scientific journals and takes part in colloquia and conferences in these areas.
- The post-doc works in collaboration with the other members of the team. In particular he/she is expected to undertake empirical research at IPHC. He/she performs interviews and observes the behaviors and routines of the basic sciences researchers, maps the interaction and collaboration inside and outside the team, monitors the cost and detects ways to improve the behaviors.
- The post-doc manages the project on a daily basis. He/she organizes scientific meetings (regular seminars), supervises the research work of master's students, ensures proper dissemination of information among participating teams.
- The fellow ensures, in particular, the link between the research teams in chemistry and the management team.

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<sup>1</sup> The University of Strasbourg Institute for Advanced Study (USIAS) aims to support innovative, original research, and to enable reflection and synthesis at the highest level. For more information see <http://www.usias.fr>

## Profile

The applicant holds a PhD relevant for the proposed research subject. His/her thesis should have focused on innovation management in a basic science field and/or creativity issues. As one of the main tasks will be to carry out empirical research, we expect the applicant to have minimum skills in interview, case based research.

In addition, as the project aims at interviews in a chemistry research group, the applicant should demonstrate a basic understanding of physico-chemical principles (solution chemistry, analytical chemistry and/or other related topics).

## Languages

English is mandatory, French desirable.

## Procedure

Applications (letter of motivation + CV) are to be sent to Pr. Thierry Burger-Helmchen and Dr. Isabelle Billard as soon as possible and not later than February 1<sup>st</sup> 2014. Earlier applications have higher chances of success since we terminate the application process as soon as we find the right candidate. Additional information on the research topic and full project C4 can be obtained upon request.

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