****

SMART LOIRE VALLEY (SLV) Programme

**LE STUDIUM RESEARCH PROFESSORSHIP Award**

**Call for Applications 2025**

**Part B – Scientific proposal**

**Applicant:**

**Host Research institute/Laboratory:**

**Host Scientist:**

**Title of the project:**

**Important: This cover page is not included in the 10-page limit.**

**Section 1 : Scientific Project**

1. State of the Art

Describe the State of the Art in the field related to the project

1. Aims

Describe the specific aims of the project, including a clear statement of the hypothesis to be tested

1. Significance

Describe the importance of the problem to be researched, the planned outcome of the research, and the potential significance of the research.

1. Research plan

Describe the methods and techniques to be used and research plan, including as appropriate:

* Description of the experiment design;
* Techniques to be used;
* Methods of statistical analysis;
* Strengths and challenges of the study design

**Section 2: Impact of the proposed research**

1. Innovation

Describe the innovative aspects in the proposal specify the contribution of the research project to the development of knowledge in the scientific field.

1. Interdisciplinary dimension

If relevant, show how the proposed research project connects various scientific disciplines.

If relevant, describe how interdisciplinary aspects consist in a key factor of the application.

1. Collaborations between research institutes/laboratories / partnerships with socio-economic sectors

If relevant, present the proposed collaborations. These partnerships can be with other academic research institutes/laboratories as well as with private or public companies or socio-economic stakeholders.

1. Intellectual property / industrial applications

If relevant, describe the applications related to the research project regarding industry, economy and/or society. If the intellectual property strategy with the host scientist’s research institute/ laboratory is already defined, the applicant is invited to present it.

1. Exploitation and dissemination of results

Describe how the new knowledge generated by the proposed research will be disseminated and exploited, and the potential impacts. Discuss the strategy for targeting peers and key stakeholders (such as the scientific community, industry, professional organisations, policy makers, etc.).

**Section 3: Career and track record**

1. Track record of the applicant

Highlight the career achievements of the applicant and awards including a list of peer-reviewed publications in the last five years. Identify up to five publications from this list relevant to this proposal EXCLUDING submitted papers. Book chapters and books should be listed separately.

1. Career development

Explain the relevance of the SMART LOIRE VALLEY LE STUDIUM Research Professorship award for the career development of the applicant.

1. Developing long lasting research links

Indicate if there is a strategy for long lasting research collaboration between the applicant and the host research institute/laboratory or host scientist.

1. Investment of the home institution

If relevant, explain how the home institution is engaged in the proposed Research Professorship award. If the home institution considers a reciprocity, describe the considered scheme.

1. Relevance of the host laboratory choice

Explain why the applicant has chosen the host research institute/laboratory for the project.

1. Transfer of knowledge between the applicant and the host research institute/laboratory

Outline how a two-way transfer of knowledge will occur between the applicant and the host research institute/laboratory:

* Explain what new knowledge the applicant will gain during the Research Professorship residency at the host research institute/laboratory and how it will be acquired
* Outline the previously acquired knowledge and skills that the researcher will transfer to the host research institute/laboratory