Position description

1. Position identification

Title of post : Post-Doctoral researcher

Type of contract : CDD (Limited-term)

Category (A,B or C) : -

Contract/project period : 1 year, renewable once   **Expected date of employment : September 2024**

Proportion of work : 100%

Workplace : ITI IRMIA++, Strasbourg (France)

Desired level of education : PhD

Experience required : 0 to 3 years

Contact(s) for information on the position (identity, position, e-mail address, telephone) : iti-irmiapp@unistra.fr

Date of publication : October 2nd, 2023

Closing date for the receipt of applications : November 17th, 2023

2. Research project or operation

The Interdisciplinary Thematic Institute (ITI) IRMIA++ proposes to support research projects in mathematics, computer science and astrophysics. The scientific project is proposed by the candidate and his supervisor. It should have a strong interdisciplinary and/or mathematical component to be developed in an international context. The project will emphasize concrete ways of interacting or creating interactions (working groups,...) between at least two of the ITI disciplines.

3. Activities

➢   **Description of the research activities :**
   The post-doctoral researcher will develop the research actions defined in his/her research project defined at the time of application. This project will have to be included in the context of the ITI and of the host team.

➢   **Related activities :**
   N/A

4. Skills

➢   **Qualifications/knowledge :**
Knowledge of applied techniques in the scientific field(s) of the project
Disciplinary expertise developed during the doctoral program

➢ **Operational skills/expertise :**

Writing skills

Discipline-specific computer skills

Language skills and ability to work in an international context

➢ **Personal qualities :**

Organization and priority management

Ability to manage stress and peaks in activity

Ability to integrate into a team and to maintain collaborations

Ability to communicate

Autonomy and initiative

5. Environment and context of work

➢ **Presentation of the laboratory/unity :**

The post-doctoral researcher will be assigned to Strasbourg and will carry out his work in the framework of the ITI IRMIA++ project – Research in Mathematics, Interactions and Applications. This project gathers a research center in the continuity of the LabEx IRMIA and a Master-Doctorate training program. The ITI teams gather almost all the mathematicians of the University of Strasbourg, and other teams whose research includes a strong mathematical dimension. According to the dominant discipline of his project, the researcher will be attached to one of the following research units, included in the ITI IRMIA++ project: Institut de Recherche en Mathématique Avancée (IRMA), Observatoire Astronomique de Strasbourg (ObAS) or Laboratoire des sciences de l'ingénieur, de l'informatique et de l'imagerie (ICube).

➢ **Hierarchical relationship :**

The researcher will be under the scientific responsibility of his supervisor, who must be a member of the ITI IRMIA++ and give explicit support to the application and the project presented.

➢ **Special conditions of practice (notice attached):**

N/A

To apply, please visit https://irmiapp.unistra.fr in section Jobs/Post-doc positions to follow the application procedure