

## 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 :** Sept. 2023

**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 :** Oct. 19th 2022

**Closing date for the receipt of applications :** Nov. 30th 2022

### 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 send your application file  
(see content on <https://irmiapp.unistra.fr>) by mail at:**

[iti-irmiapp@unistra.fr](mailto:iti-irmiapp@unistra.fr)