

POSTDOCTORAL FELLOWSHIP

JOB DESCRIPTION

Applications are invited for a one-year postdoctoral position funded by the French National Agency for Research (Agence Nationale de la Recherche) project EINSTEIN-PPF (“Einstein manifolds, past, present and future”).

The themes of the project are **mathematical general relativity & geometric analysis**. The postdoc is expected to work in one of the following departments:

- Laboratoire de Mathématiques d'Avignon , Université d' **Avignon**.
Contact : Erwann Delay (erwann.delay@univ-avignon.fr).
- Institut de Mathématiques de Toulouse, Université de **Toulouse**.
Contact : Yuxin Ge (yge@math.univ-toulouse.fr).
- Laboratoire Univers et Théories, Observatoire de **Paris**.
Contact : Ericourgoulhon (eric.gourgoulhon@obspm.fr)
- Institut Montpelliérain Alexander Grothendieck, Université de **Montpellier**.
Contact: Marc Herzlich (marc.herzlich@umontpellier.fr)
- Laboratoire de Mathématiques Raphaël Salem, Université de **Rouen**.
Contact : Simon Raulot (simon.raulot@univ-rouen.fr)

Applicants interested in working at the interface of these themes and with more than one of the aforementioned researchers will be particularly appreciated. Even if the person will be located at a single site, collaboration between the candidate and the scientists mentioned above will be encouraged.

POSITION DETAILS

The duration of the position is 12 months, non-renewable. The expected starting date is September 1st 2025. The net salary is 2 116€ per month. Social security (primary health insurance) is already included, and extra coverage can be obtained at a reasonable cost. The postdoc will have to pay income tax: its exact amount may depend on personal situation, but a common estimate is about 90 € per month. An annual travel allowance will be made available together with some reasonable financial support for research activities. The position does not include any teaching duties.

REQUIRED QUALIFICATIONS

Candidates should hold a Ph.D. or an equivalent degree in Mathematics, or expect to receive one prior to the start of the position. The topic of their doctoral thesis should be in areas related to the research themes mentioned above.

L.M.A.
Université d'Avignon
Campus Jean-Henri Fabre
301, rue Baruch de Spinoza,
BP 21239
F-84 916 AVIGNON Cedex 9



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HOW TO APPLY

Candidates should submit the following material:

- Cover letter
- Curriculum Vitae
- Publication list
- Research statement
- At least two names of senior researchers who will send letters in support of the application

Applications are only accepted by email. Please submit your application as a single PDF file to the researcher you wish to work with, and a copy to erwann.delay@univ-avignon.fr. The subject of the message should be "Application for postdoc EINSTEIN-PPF". The recommendation letters should be sent directly to the same email address by their authors.

DEADLINES

The deadline for application is **February 13th, 2025**. All documents (including the reference letters) should be received by this date.

An interview will be organized with a selection of candidates who fit the job profile (videoconference possible). An answer will be given no later than March 10th, 2025.

In case the position is not filled during this first round of applications, a second round of applications will be open, with deadline at **April 30th, 2025**. The selection process will be the same as for the first round and answers will be available no later than May 20th.

MORE INFORMATION

Informal enquiries about the position are welcome and can be sent to erwann.delay@univ-avignon.fr as well as to the contacts quoted above.