

Marie Skłodowska-Curie PostDoc Positions in Germany "Expression of Interest" for hosting Fellows

1. Valid for the following MSCA-IF Calls¹:

2018

2019

2020

2. Interested host institution:

Frankfurt Institute for Advanced Studies

The Frankfurt Institute for Advanced Studies (FIAS), is an independent research institute performing cutting-edge research in the areas Life Science, Physics, Neuroscience, Computer Science and Systemic Risk. As a platform for integrating the sciences, FIAS provides a foundation for progress in research through cooperation, exchanging ideas, and overcoming structural barriers between the disciplines. It brings together about 180 theoretical scientists from more than 25 countries. About half of them are physicists, working on complex models on very different scales from the elementary particles in the universe to huge objects like neutron stars.

Young scientists find an outstanding research environment at FIAS, with new facilities and close connections to nearby research institutes and the Goethe-University.

Name of EU liaison officer (EU-Referent/in), if applicable: Gaby Ehlgén (ehlgén@fias.uni-frankfurt.de)

3. Institute/Department:

Research Group of Piero Nicolini on Classical and Quantum Gravity, Evaporating Black Holes, Cosmology

The research interests of the Nicolini group concern mathematical modelling of physical systems, with particular reference to black holes, their evaporation, thermodynamics and chemistry, models of quantum gravity, exotic quantum field theory effects and the physics beyond the standard model. Their research topics can be loosely grouped under a variety of disciplines such as theoretical physics, astrophysics, mathematical physics and applied mathematics.

Website (Hyperlink): <https://fias.uni-frankfurt.de/physics/nicolini/>

4. Contact person (name and e-mail address):

Apl. Prof. Dr. Piero Nicolini
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¹ MSCA Individual Fellowships are selected on the basis of annual calls for proposals. Forthcoming and open calls for proposals can be found on the [Participant Portal](#) of the European Commission under "Funding Opportunities" and "Calls/H2020".

5. Project idea/position (scientific requirements, topic, discipline):

Rough outline of idea/position:

Please tick:

- Life Sciences
- Natural Sciences
- Engineering Sciences
- Social Sciences and Humanities

6. Deadline² for considering interests by postdoctoral applicants:

For the MSCA-IF Call with deadline 12.09.2018 the deadline is: **01.08.2018**.

We are also open to enquiries received later, but for planning reasons we kindly ask to get in touch with us in advance.

For the MSCA-IF Calls 2019 and 2020:

3 months before submission deadline would be superlative;

2 months before submission deadline would be great;

1 month before submission deadline would be sporty, but not impossible.

² Please consider that the preparation of a Marie Skłodowska-Curie proposal requires some time. Fellow and supervisor have to agree on a project and training opportunities for the fellow.