

POSTDOCTORAL POSITION IN MATHEMATICAL PHYSICS AT LORRAINE UNIVERSITY

JOB OFFER

Description. The position is part of the ANR-DFG project “Effective Approximation and Dynamics of Many-Body Quantum Systems” run jointly between Braunschweig (Volker Bach), Bremen (Sören Petrat), Metz (Sébastien Breteaux and Jérémy Faupin), and Rennes (Zied Ammari), see effective-quantum.org for more information. Extensive scientific exchange within the Metz research group, and between the different locations is planned. Funds for research visits at the other locations and for conference visits are available.

Topics.

- Quantum Field Theory, Many-Body Systems, Maximal Velocity Estimates.

PIs in charge.

- Sébastien Breteaux
- Jérémy Faupin

Salary and conditions.

- The gross annual salary of the Fellowship will be 57 500 €. This amounts, after taxes, to a monthly salary of approximately 2 400 €. (This estimate is for indicative purposes only because the amount of taxes depends on the personal situation.)

Contract and offer.

- One year (12 months).
- No mandatory teaching load, but there are opportunities to gather teaching experience if desired by the applicant.

Timeline for applications.

- The deadline for the applications is November 30th.
- The starting date is flexible. We aim at filling the position between January 1st 2025 and November 30th 2025.

How to apply.

- Applications, containing a CV and a list of publications, must be sent by e-mail to both sebastien.breteaux@univ-lorraine.fr and jeremy.faupin@univ-lorraine.fr.

SCIENTIFIC PROFILE REQUESTED

Requirements.

- Applicants must have their Ph.D. completed or defended in an area of sciences before the contract starts.

Skills and track-record.

- Fluency in spoken English or French and fluency in written English.