

PhD student position (m/f/d)

“C-C bond formation by deoxygenative cross-coupling of carbonyl compounds promoted by homogeneous and heterogeneous base metal-catalysts” (“PhD#4”)

**(“Base metal-catalytic cross-coupling methodologies towards sustainability”)
(HORIZON-MSCA-2022-DN-01 (101119574 — NextBase EU-project))**

420-06/2023

The Leibniz Institute for Catalysis (LIKAT) with approx. 300 employees and guests is one of the leading European research institutions in the field of catalysis. LIKAT is a competent partner for the research and development of homogeneous and heterogeneous catalysts as well as catalytic processes and technologies. LIKAT's focus is on application-oriented basic research and applied research. Therefore, it cooperates with industrial companies and research institutes worldwide.

The Horizon Europe MSCA-Doctoral Network (DN) NextBase is run by a Consortium of four academic and two non-academic groups that offers highly attractive PhD positions in the field of transition metal-catalytic methodologies for organic synthesis to 6 Doctoral Candidates (DCs).

We offer a challenging PhD position in an international research group in an excellent environment at LIKAT Rostock. LIKAT supports professional equality of women and men and so applications from women are most welcome. As women are underrepresented in this sector of LIKAT preference will be given to women with equal qualification. Disabled applicants with equal qualification and aptitude will be given preferential consideration.

Applicants can apply **for up to 3 PhD projects**, indicating the order of preference. All applications have to be written in English and will be checked for eligibility. Ineligible or incomplete applications will not be considered. Applications **must be submitted on NextBase website** (<https://www.nextbase.network>).

Please be aware that direct applications via the host institutes/universities are not possible, only those applications can be considered which are submitted via the network homepage. Handwritten applications and applications sent by email, post or fax will not be accepted.

In case you are interested in to apply please use the following link, instructions on submission and all further details please see on: <https://www.nextbase.network>

In case you need any further information please contact with:

Eszter Baráth (LIKAT, Rostock, Germany) / eszter.barath@catalysis.de; nextbase@nextbase.network

The application deadline is 5.00 pm central European time on the 15th of January 2024.