



SPP 2080 “DynaKat” Early Career Research Scholarships for Female Scientists

The SPP 2080 “DynaKat” (<http://spp2080.org/>) is a Priority Programme aimed at investigating catalysts and reactors under dynamic conditions for energy storage and conversion. The SPP 2080 is funded by the German Research Association (DFG) and coordinated by Prof. Dr. Jan-Dierk Grunwaldt at Karlsruhe Institute of Technology (KIT).

To promote new project ideas and support the scientific career and early independent research of female scientists, the SPP 2080 announces a scholarship for dedicated female scientists on the doctorate, postdoctoral, group leader and W1 tenure track levels.

We fund research projects related to the topic of the SPP 2080

The project topic should be related to the understanding of processes at catalysts and in reactors under dynamic conditions and their effects on activity, selectivity and stability. Applications should focus on electrocatalytic or catalytic conversion into energy storage molecules. Any of the following areas may be covered: characterisation methods, theoretical descriptions and kinetic modelling, material design and novel reactor/electrolysis concepts.

The scholarship amounts to 10.000 Euro and must be spent by end of year 2024; prolongation is not possible. The funding can be used for research purposes for research staff including student research assistants (HIWI), travel and consumables, in line with regulations of the DFG and the university/research institute of the Applicant.

With accepting the scholarship, the Applicant agrees to give a presentation on a status meeting of the SPP 2080, and to publish a scientific manuscript in a high impact journal and a short general report in relevant German media, e.g. “Chemie Ingenieur Technik” or “Nachrichten der Chemie”.

Who can apply?

Female scientists from the last year of their Ph.D. until 8 years after being awarded the Ph.D. degree. Eligibility time is prolonged to 10 years, if maternity leave was taken. Applicants must be employed at a German research institution. Female scientists within and also without the SPP2080 can apply. So also applications from scientist who are not members of the SPP2080 are very welcome.

Application

The written application must include:

- Project proposal of 2-3 pages, including state of the art, own expertise, work objectives incl. explaining how they will contribute to the topics of the SPP 2020, work program and financial plan. The proposal can be written in German or English.
- Curriculum vitae including publication list.
- Motivation letter outlining the benefit of the Scholarship to the scientific career of the Applicant.

Please send the application by March 12, 2023, to applications@spp2080.org