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Call for project proposal for two PhD-positions in renewable energies and data science

In June 2019 the rectors at Universität Stuttgart and the University of Bergen signed an agreement (MoU) to promote friendship and academic exchange.

To facilitate the intentions of this agreement, The Faculty of Mathematics and Natural Sciences (UiB) has decided to announce two PhD-positions in renewable energies and data science to promote research collaboration between Stuttgart and Bergen. The intention of the call is to stimulate new collaborations. A prerequisite is that the PhD-candidate should have a joint supervisor at Universität Stuttgart and at least 6 months stay in Stuttgart.

Similarly, Universität Stuttgart will announce up to four PhD-positions with co-supervisors from University of Bergen and with the prerequisite that the candidates stay least 6 months in Bergen.

The Faculty of Mathematics and Natural Sciences (UiB) invite proposals for two PhD-projects within the thematic area “renewable energies and data science”. By renewable energies we understand knowledge about different renewable energy sources, energy carriers, energy storage and efficiency in sustainable energy production. This also includes carbon storage, sustainable area use- and environmental consequences, related to development of renewable energy sources. By data science we understand data-driven simulation and model analysis, including data assimilation, big data, optimal control, and visualization techniques.

It is expected that the successful proposals will contribute to the development of the collaboration between Universität Stuttgart and the University of Bergen. This includes instigating and participation in joint research proposal for externally financed grants.

About the application process:

- A committee with members from both institutions will evaluate the proposals and recommend a ranking to the faculty
- Proposals should not be more than two pages written in English.
- It is a prerequisite that the proposal is a collaboration between both institutions (main supervisor in Bergen co-supervisor in Stuttgart)
- The CV of the main and co-supervisor should be included in the application (maximum three pages per person). One can only be listed as main supervisor in one application.

Evaluation criteria:

1. Scientific quality.
2. Relevance to call.
3. CV of project leader/main supervisor (evaluated in accordance with stage of career).
4. Strategic importance of proposal.
5. Potential to contribute to the collaboration, including exchanges at MSc-level and proposals for research grants.

Deadline for application: May 25th

Sincerely,

Helge K. Dahle
Dean