



# RoHan atalysis

**SDG GRADUATE SCHOOL**

## ROHAN - ROSTOCK-HANOI DAAD SDG GRADUATE SCHOOL – PHASE II

CATALYSIS AS KEY TOWARDS SUSTAINABLE RESOURCE MANAGEMENT  
Bilateral Cooperation Rostock - Hanoi

### Call for German Applications 2021 Double-Degree-Master research stays (3 month) in Hanoi, Vietnam

#### What is RoHan?

The project RoHan is part of a new DAAD scheme, generously funded by the Federal Ministry for economic co-operation and development (BMZ), on the implementation of “SDG Graduate Schools”. The University of Rostock and the Leibniz Institute for Catalysis as well as the Hanoi University of Science and Technology (HUST) and the VNU University of Science co-operated to implement the ROHAN Graduate School from 2016 till 2020. In the second phase, from 2021 till 2025, the collaboration will establish a German-Vietnamese Center for Catalysis (GeViCat). The aim of the project is to foster the development and establishment of catalysis technologies and processes through the training of qualified Vietnamese scientists able to assume leadership positions in both industry and academia. Focusing on rightful high-quality education and promoting life-long learning opportunities for all, as well as promoting gender equality and empowering women could have a strong impact on the achievement of the Sustainable Development Goals in 2030.

#### What are the aims of RoHan?

Based on the SDGs – UN Sustainable Development Goals:

- development and well-being in economic, social, and technological terms (improvement of the living conditions, training of qualified persons)
- environmental protection, e.g. through sustainability in consumption and production and sustainable resource management in tackling climate change, access to sustainable energy
- establishment of a global partnership for sustainable development

**DAAD**



Bundesministerium für  
wirtschaftliche Zusammenarbeit  
und Entwicklung

Universität  
Rostock



Traditio et Innovatio

**Catalysis**  
Leibniz-Institut für Katalyse e.V.

LIKAT



ĐẠI HỌC  
BÁCH KHOA



ĐẠI HỌC KHOA HỌC VÀ CÔNG NGHỆ



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## Which are the research topics?

- Catalyst for water treatment, gas purification and post-process gaseous waste treatment
- Catalysis for chemical and energy conversion
- Catalysts for mitigation of the effects of human activities on the environment
- Sustainable materials

## Who can apply for a scholarship?

All Master students and scientists, who satisfied the requirement of double degree of Sustainable Chemistry between HUST and UR (see RoHan web page) from the

1. Institute of Chemistry at the University of Rostock
2. Leibniz Institute for Catalysis

can apply for scholarships to undertake a 1-year research (including defend the thesis) at the Hanoi University of Science and Technology (HUST). The program will start from 1 October 2021 till 31 September 2022.

## What does the scholarship cover?

The scholarship for German awardees covers the travel expenses, health insurance, and a monthly grant of 1100€ for the first three months. Note, MSc students can additionally apply for Auslands-BAFÖG. Further expenses are expected to be cover by the scholarship holder.

## How to apply?

The application should include: Letter of Motivation (1 page), full Curriculum vitae with transcript of records and marks, a project proposal (see template on the website), and a supervision agreement from research group leader in Rostock and the HUST. A list of GeViCat/RoHan mentors is found on the RoHan web page. A certificate of language proficiency is highly recommended (proficiency in English is mandatory). An English thesis should be submitted and a defence at HUST is expected at the end of the research period.

Send your application to [application@rohan-sdg.com](mailto:application@rohan-sdg.com) before the  
**30<sup>th</sup> of April 2021**

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