



# RoHan catalysis

## SDG GRADUATE SCHOOL

### ROHAN - ROSTOCK-HANOI DAAD SDG GRADUATE SCHOOL

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

**Call for applications 2019  
for 3 short research stays (up to 3 months)  
(Rostock to Hanoi, 1<sup>st</sup> Jan. 2019 to 31<sup>st</sup> Dec. 2019)**

#### **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 and the VNU University of Science are co-operating to implement the ROHAN Graduate School from 2016 till 2020. 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

#### **Which are the research topics?**

- Catalyst for waste and waste water treatment
- Catalysis for chemical and energy conversion
- Catalysts for air pollution prevention
- Catalysts for environmental management
- Catalysts for sustainable material flow management



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## Who can apply for a scholarship?

All students and scientists from the

1. **Institute of Chemistry at the University of Rostock**
2. **Faculty of Agriculture and Environmental Sciences at the University of Rostock**
3. **Leibniz Institute for Catalysis**

can apply for scholarships to undertake short term stays at the Hanoi University of Science and Technology (HUST) and the VNU University of Science (VNU-HUS).

## What does the scholarship cover?

The scholarship for German awardees covers the travel expenses and a monthly grant of 500€ for BSc/MSc and 600€ for PhD/Postdoc (in addition to your german salary). Note, BSc/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 supervision agreement (see template on the webpage) from research group leader in both the Rostock institutions and the HUST/VNU-HUS as well as a project proposal (see template on the website). A certificate of language proficiency is highly recommended (proficiency in English is mandatory).

Note: Special equipment for catalyst characterization and/or in situ spectroscopy is available for research under the umbrella of the RoHan Project, e.g.: TPX equipment; EPR spectrometer; UVVIS and Raman spectrometer, different photocatalytic reactors. More information see [www.rohan-sdg.com](http://www.rohan-sdg.com).

Send your application to [application@rohan-sdg.com](mailto:application@rohan-sdg.com) before the  
**30th of September 2018**

Dr. Dirk Hollmann (Rostock, Germany, UR, [dirk.hollmann@uni-rostock.de](mailto:dirk.hollmann@uni-rostock.de))  
Dr. Esteban Mejia (Rostock, Germany, LIKAT, [esteban.mejia@catalysis.de](mailto:esteban.mejia@catalysis.de))  
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**DAAD**

Bundesministerium für  
wirtschaftliche Zusammenarbeit  
und Entwicklung

Universität  
Rostock



Traditio et Innovatio

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

