



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 2018
for 2 Master/PhD research stays (6 month)
(UR or LIKAT, Rostock, 01.03.2018-31.12.2018)**

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 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 Master and PhD students from the

1. **Chemistry Department of the Hanoi University of Science and Technology (HUST),**
2. **Faculty of Chemistry of the VNU University of Science (VNU-HUS)**
3. **Faculty of Environmental Sciences of the VNU University of Science (VNU-HUS)**

can apply for scholarships to undertake master or doctorate studies at the University of Rostock or the Leibniz Institute for Catalysis.

What does the scholarship cover?

The scholarship for Vietnamese awardees covers the travel expenses and a monthly grant of 850 € (Master) or 1150 € (PhD). Further expenses are expected to be covered 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 from research group leader in both the HUST/VNU-HUS and the host institutions and 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 insitu spectroscopy is available for research under the umbrella of the RoHan Project, e.g.: TPx equipment; ESR spectrometer; UVVIS and Raman spectrometer, different photocatalytic reactors. More information see www.rohan-sdg.com.

Send your application to application@rohan-sdg.com before the
15th of January 2018

Dr. Dirk Hollmann (Rostock, Germany, UR, dirk.hollmann@uni-rostock.de)
Dr. Esteban Mejia (Rostock, Germany, LIKAT, esteban.mejia@catalysis.de)
Prof. Le Minh Thang (Hanoi, Vietnam, HUST, thang.leminh@hust.edu.vn)
Prof. Le Thanh Son (Hanoi, Vietnam, VNU-HUS, lethanson@yahoo.com),
Prof. Vu Van Manh (Hanoi, Vietnam, VNU-HUS, vuvanmanh@hus.edu.vn)

