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SPECTRE goes to Hollywood

Film provides information about Rostock graduate college on CO_2 conversion

Text: Prof. Dr. Ralf Ludwig

RTG 2943: SPECtroscopic Tools for challenging REduction reactions - Catalytic coupling of CO2 (SPECTRE)

The film by the SPECTRE graduate college begins with the question: What is a fish sandwich?

https://www.spectre.uni-rostock.de

Shortly before the next Academy Awards, the SPECTRE research training group presents an entertaining film. In a fast-paced five minutes, the young researchers from the University of Rostock and the Leibniz Institute for Catalysis (LIKAT) present their mission: they want to produce low-carbon products from the greenhouse gas carbon dioxide. The German Research Foundation (DFG) is funding the research training group with almost six million euros.

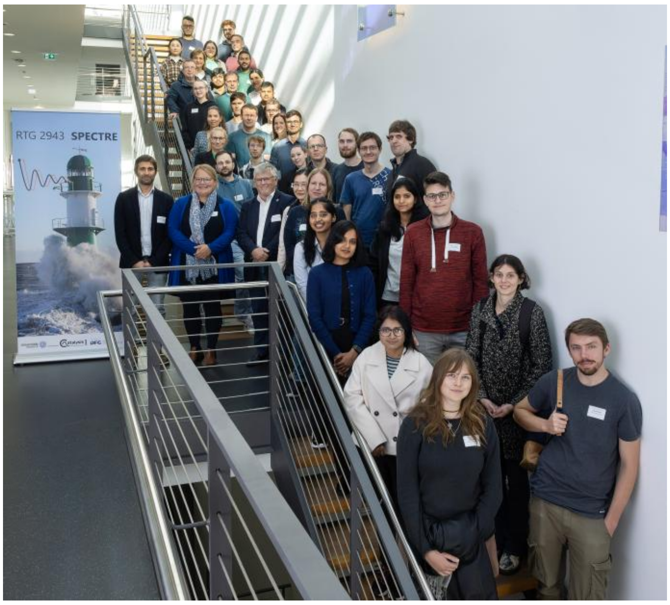
Skip the box office and go straight to the screening room. At https://www.spectre.uni-rostock.de/, you can sit in the front row at SPECTRE. You can hear and see the international team of the research training group against the backdrop of the city and the University of Rostock.

The main characters are doctoral students from all over the world. Committed young researchers from India, Pakistan, Bangladesh, Germany, and Iran make up the SPECTRE team. They receive special support in a DFG research training group. Supported by a structured research and qualification program, they are pursuing their doctorates at a high level. The Rostock training program comprises excellent interdisciplinary teaching and training, which is to be further developed through joint supervision by the university and LIKAT.

Global warming is one of the greatest challenges facing humanity. That is why sustainable technologies are needed to prevent and utilize the greenhouse gas carbon dioxide (CO_2). "The transformation of CO_2 into value-adding carbon compounds offers the opportunity to convert renewable energy into chemical energy sources and carbon-neutral products," says spokesperson Ralf Ludwig, explaining the topic of the joint project. The GRK's team of spokespersons includes Dr. Jola Pospech and Professor Torsten Beweries from the Leibniz Institute for Catalysis (LIKAT) and Professor Stefan Lochbrunner from the Department of Physics.

"We are particularly committed to promoting young scientists and improving the compatibility of research and family life. Supported by well-thought-out equality measures, many doctoral students will be able to start a scientific career with us," notes Jola Pospech. The chemist is enthusiastic about the training opportunities offered by a graduate college.

This enthusiasm is also evident in the film. Roll film for SPECTRE!



The team at the DFG Research Training Group SPECTRE wants to convert CO2 into value-adding carbon compounds and thus contribute to climate protection.

(Photo: © ITMZ | University of Rostock)

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