We are seeking to hire an individual to head the newly founded INW-1 and take on responsibility for teaching and research in the field of "catalytic interfaces for chemical hydrogen storage". The professorship shall act as a bridge between RWTH Aachen University and Forschungszentrum Jülich. It will focus primarily on the development, optimization, and experimental demonstration of hydrogenation and dehydrogenation reactors for chemical hydrogen storage within the context of various hydrogen utilization scenarios. The overarching goal is to increase productivity using an integrated approach (catalyst arrangement, heat management, flow field pattern, operation mode, etc.).

We welcome applications from all suitably qualified candidates regardless of gender. RWTH Aachen University and Forschungszentrum Jülich are certified family-friendly.

Suitable candidates have an excellent scientific track record, demonstrated by high-impact publications and/or patents. Experience in heading publicly funded large-scale projects, management of multi-disciplinary teams, and the ability to establish and maintain collaborations across different institutions and countries will be expected.

The requirements for all positions include a university degree followed by a doctoral degree and additional substantial research experience, as demonstrated by a habilitation or equivalent accomplishments gained as a university researcher or junior professor or, e.g., in a research position at a university, a research institution, or in industry. Furthermore, state-of-the-art methods of data analysis – are of particular interest.

Applications should be in English and will be accepted until 8 December 2022. They should be addressed to Univ.-Prof. Dr. Carsten Henkenkamp, Dean of the Faculty of Mathematics, Computer Science and Natural Sciences at RWTH Aachen University, and to Prof. Dr.-Ing. Wolfgang Marquardt, Chair of the Board of Directors of Forschungszentrum Jülich, and sent preferably by email to https://www.rwth-aachen.de/141253.html.

Joint professional appointment at Forschungszentrum Jülich and RWTH Aachen University:

**Director at the Institute for a Sustainable Hydrogen Economy – Catalytic Interfaces for Chemical Hydrogen Storage (INW-1)**

_**Director at the Institute for a Sustainable Hydrogen Economy**_

_Forschungszentrum Jülich_

_in line with the Jülich model to be appointed as_

Full Professor (W3) for Catalytic Interfaces for Chemical Hydrogen Storage

**RWTH Aachen University, Faculty of Mathematics, Computer Science and Natural Sciences**

We are seeking to hire an individual to head the newly founded INW-1 and take on responsibility for teaching and research in the field of "catalytic interfaces for chemical hydrogen storage". The professorship shall act as a bridge between RWTH Aachen University and Forschungszentrum Jülich. It will focus primarily on the development, optimization, and experimental demonstration of hydrogenation and dehydrogenation reactors for chemical hydrogen storage within the context of various hydrogen utilization scenarios. The overarching goal is to increase productivity using an integrated approach (catalyst arrangement, heat management, flow field pattern, operation mode, etc.).

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Applications should be in English and will be accepted until 8 December 2022. They should be addressed to Univ.-Prof. Dr. Wolfgang Schröder, Dean of the Faculty of Mechanical Engineering at RWTH Aachen University, and to Prof. Dr.-Ing. Wolfgang Marquardt, Chair of the Board of Directors of Forschungszentrum Jülich, and sent preferably by email to inw-3-reaction-process-engineering@fz-juelich.de.

**Joint professional appointment at Forschungszentrum Jülich and RWTH Aachen University:**

**Director at the Institute for a Sustainable Hydrogen Economy – Catalytic Interfaces for Chemical Hydrogen Storage (INW-3)**

_Forschungszentrum Jülich_

_in line with the Jülich model to be appointed as_

Full Professor (W3) for Reaction Engineering for Chemical Hydrogen Storage

**RWTH Aachen University – Faculty of Mechanical Engineering**

We are seeking to hire an individual to head INW-3, which is currently being founded, and take on responsibility for teaching and research in the field of "reaction engineering for chemical hydrogen storage". The professorship shall act as a bridge between RWTH Aachen University and Forschungszentrum Jülich. It will focus primarily on the development, optimization, and experimental demonstration of hydrogenation and dehydrogenation reactors for chemical hydrogen storage within the context of various hydrogen utilization scenarios. The overarching goal is to increase productivity using an integrated approach (catalyst arrangement, heat management, flow field pattern, operation mode, etc.).

We welcome applications from all suitably qualified candidates regardless of gender. RWTH Aachen University and Forschungszentrum Jülich are certified family-friendly.

Suitable candidates have an excellent scientific track record, demonstrated by high-impact publications and/or patents. Experience in heading publicly funded large-scale projects, management of multi-disciplinary teams, and the ability to establish and maintain collaborations across different institutions and countries will be expected.

The requirements for all positions include a university degree followed by a doctoral degree and additional substantial research experience, as demonstrated by a habilitation or equivalent accomplishments gained as a university researcher or junior professor or, e.g., in a research position at a university, a research institution, or in industry. Furthermore, state-of-the-art methods of data analysis – are of particular interest.

Applications should be in English and will be accepted until 8 December 2022. They should be addressed to Univ.-Prof. Dr. Wolfgang Schröder, Dean of the Faculty of Mechanical Engineering at RWTH Aachen University, and to Prof. Dr.-Ing. Wolfgang Marquardt, Chair of the Board of Directors of Forschungszentrum Jülich, and sent preferably by email to inw-3-reaction-process-engineering@fz-juelich.de.