

## JOB VACANCY

At the Faculty of Technical Chemistry of the TU Wien, the Institute for Chemical, Environmental and Bioscience Engineering, is offering a position as **Predocctoral Fellow starting on June 2024**, in the group of **Catalysis Design and Reaction Engineering** headed by **Prof. Maricruz Sanchez-Sanchez**:

### Predocctoral Fellow (m/f)

#### Research on zeolite-based catalysts for sustainable chemical processes (30 h/week)

#### Your profile

- Relevant, completed diploma or master's degree in chemical engineering, technical chemistry, physical chemistry or an equivalent university degree
- Laboratory experience in some of the following fields: reaction kinetics, catalytic tests, characterization of nanomaterials, gas analysis through gas chromatography.
- Good command of English in speaking and writing

#### Your tasks

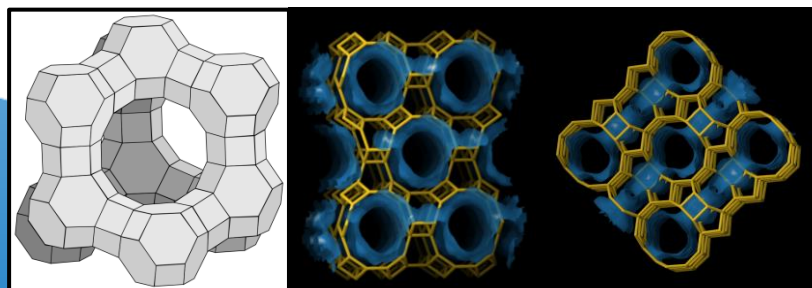
- Research on heterogeneous catalysts for sustainable production of fuels and chemicals
- Characterization of solid catalysts
- Performing kinetic studies in lab scale test reactors, data evaluation
- Supervision of research internships, at BSc and MSc level.
- Creation of scientific publications, project reports and presentations for industrial partner

#### We offer

- Innovative and scientific work environment, in collaboration with an industrial partner
- Interaction with students in an international environment
- Central location and easy access (U1 / U2 / U4 Karlsplatz)

TU Wien is committed to increasing the proportion of women in particular in leadership positions. Female applicants are explicitly encouraged to apply. Preference will be given to women when equally qualified, unless reasons specific to a male applicant tilt the balance in his favour.

Entry level salary is determined by the pay grade B1 of the Austrian collective agreement for university staff. Relevant working experiences may increase the monthly income. **Please send your application, consisting of a CV, a letter of motivation, and your MSc certificate (or equivalent), by e-mail to Dr. Christian Schröder ([christian.schroeder@tuwien.ac.at](mailto:christian.schroeder@tuwien.ac.at)) until 17<sup>th</sup> May 2024.**



#### Contact:

Dr. Christian Schröder  
Assistant, E166-03-01  
[christian.schroeder@tuwien.ac.at](mailto:christian.schroeder@tuwien.ac.at)

Our website

