PhD position in Green Chemistry open from 01-09-2019

**Topic:** Continuous conversion of carbon dioxide using supported ionic liquids

**Description:** The exploitation of renewable sources for the production of chemicals is a key challenge faced by modern society. This PhD position focuses on the use of supported ionic liquids as catalyst for the formation of value-added products from CO₂, relying on supercritical CO₂ as both solvent and reactant.

**Required skills:** Candidates should have a Diploma or Master degree in organic chemistry or related fields. Profound experience in synthesis, organometallic chemistry and catalysis, interest in ionic liquid technologies and surface science are mandatory. Outstanding motivation, willingness for teamwork and teaching aspects is a key requirement.

Candidates should be fluent in English, basic knowledge in German language is necessary.

**Funding:** The position is equivalent to a university assistant (30 hours) position (minimum salary is EUR 2.148.40 pre-tax, 14x per year) for 3 years financed by TU Wien. The PhD position provides a highly interdisciplinary research field and includes conference participations, lab rotation and international exchange opportunities. We offer an attractive research environment with a young, motivated and international team, modern and high-end technical equipment in the beautiful city of Vienna as an appealing place to live and work.

Please send your application including CV, a motivation letter, title and short summary of diploma/MSc thesis, list of publications (if available) and contact information of 2-3 referees until 15/07/2019 to birgit.hahn@tuwien.ac.at.

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