

**Opening of
2 PhD positions (m/f)
in the research group Advanced Organic Materials
at the Institute of Materials Chemistry, TU Wien (Austria)**

Two PhD positions are open in the framework of the FWF START project "*The hydrothermal route to functional organic frameworks*" at TU Wien, Austria. The two projects aim at **generating organic high-performance materials for applications in energy-related fields** (optoelectronics, rechargeable batteries, fuel cells and gas sorption). The projects are highly innovative and comprehensive: prospective PhD students will synthesize and characterize precursors, synthesize materials from these precursors via a novel technique that our team has recently developed – hydrothermal polymerization – and analyze the final materials' properties. Moreover, in co-operation with our international partners, application-specific characterizations will be performed.

What we offer:

Two PhD positions, for a duration of 3 years each, **starting on April 1st 2018**, in the fields of **organic materials synthesis**. The positions are equivalent to part-time university assistant (30 hours) positions (minimum salary is EUR 2.048,30- pre-tax, 14x per year). The research group Advanced Organic Materials (Unterlass Lab, www.unterlasslab.com) provides a highly innovative environment that fosters active discussions, team work and independent thinking. We provide a cutting-edge training program including group seminars, retreats, exchange stays abroad and career development mentoring.

Qualifications:

A **Diploma/Masters/Magister university degree in chemistry** is a prerequisite for the two PhD positions. Both projects require solid skills in organic synthesis and characterization of low-molecular weight organic compounds. Experience in the synthesis of aromatic, heteroaromatic and heterocyclic compounds is a plus. Skills in characterizing organic materials (e.g. polymers) such as TGA, DSC, TEM and SEM, PXRD, SAXS, gas sorption and solid-state NMR are desired but not strictly required.

How to apply:

Applications have to be submitted in English and have to be sent via email to: miriam.unterlass@tuwien.ac.at. Please submit a single pdf-file, named "surname_givenname.pdf". Applications may be submitted from December 21 2017, until the **deadline for application January 31 2018**. The submitted application pdf-file must include:

- (i) Cover letter
- (ii) Curriculum vitae including a list of publications, conference contributions, and other scientific activities (if applicable)
- (iii) Transcript of records of the Bachelor- and Master-studies
- (iv) Title and a short summary of the diploma/master thesis
- (v) Two letters of reference

For questions please do not hesitate to contact:

Miriam M. Unterlass, *Institute of Materials Chemistry* (miriam.unterlass@tuwien.ac.at).

TU Wien is an equal opportunity employer that aims at an increase of the proportion of women within scientific and artistic staff and thus strongly encourages qualified women to apply. Note that applicants are not entitled to claim a reimbursement of expenses, such as travel and accommodation costs, that may arise for coming to a job interview.