

# PreDoc-position at TU-Vienna, Austria:

## Numerical methods for highly oscillatory differential equations

- \* job vacancy in the research group of Anton Arnold, at TU Vienna, 30 hours/week
- \* start 2.1.2019, 4 years
- \* annual gross salary: 29.340 EUR

### Scientific topic:

The development of efficient numerical methods for highly oscillatory differential equations (e.g. Schroedinger equation in the classical limit) should be continued. On top of the employment at TU Vienna, an association with the ongoing doctoral school "Dissipation and dispersion in nonlinear partial differential equations" is offered, for details see: <http://asc.tuwien.ac.at/~npde/>

### Requirements:

completed master or diploma studies in mathematics.  
solid knowledge of (partial) differential equations and numerical analysis; programming experience

Since this position involves (moderate) teaching duties, knowledge of GERMAN is required.

Application for position # 354.2.4:  
via e-mail to [susanne.pietsch-brousek@tuwien.ac.at](mailto:susanne.pietsch-brousek@tuwien.ac.at); **deadline 27.12.2018**

For further scientific information contact: [anton.arnold@tuwien.ac.at](mailto:anton.arnold@tuwien.ac.at)  
<http://www.asc.tuwien.ac.at/~arnold/>