



01.12.2018

## Postdoctoral Position in Gravitational Wave Physics and Modified Theories of Gravity

University of Tübingen, Germany

The newly formed Emmy Noether research group at the University of Tuebingen, is seeking applications for a postdoctoral research position starting in Fall 2019. The group is part of the Theoretical Astrophysics section (TAT) at Tuebingen. The research focus of the successful applicant will be on testing strong-field regime of gravity with gravitational waves; numerical relativity; models and dynamics of neutron stars and black holes in modified theories of gravity. Experience in nonlinear numerical simulations will be considered as an advantage. The position is initially for two years with the possibility of further extension for one more year that will be decided after the first year.

The topic of the Emmy Noether research group is on “Gravitational waves from compact objects – a tool for testing strong gravity and nuclear matter at extreme densities ” with a group leader Dr. Daniela Doneva. In a broader perspective, the activities of TAT group, led by Prof. Kostas Kokkotas, are related to the study of sources of gravitational waves with emphasis on the dynamics of neutron stars and black holes. The TAT group currently consists of four (4) post-doctoral researchers, three (3) PhD students and seven (7) MSc students.

Further information on the Theoretical Astrophysics Group can be found [here](#).

The salary will be paid according to the German public service scale. Applications, including curriculum vitae, list of publications, statement of research interests and experience, and the names (address, e-mail) of three potential referees should be sent via email to

Dr. Daniela Doneva  
E-mail: [daniela.doneva@uni-tuebingen.de](mailto:daniela.doneva@uni-tuebingen.de)

The deadline for full consideration is February 15th, 2019, but applications will be accepted until the position is filled.

University of Tuebingen seeks to increase the fraction of female scientists in research and teaching and particularly encourages applications from women. Disabled candidates are given preference if equally qualified.