



30.05.2022

PhD Position in Gravitational Wave Physics and Modified Theories of Gravity

University of Tübingen, Germany

The Emmy Noether research group at the University of Tübingen, is seeking applications for a PhD position starting in Fall 2022. The group is part of the Theoretical Astrophysics section (TAT) at Tübingen. The research focus of the successful applicant will be on testing strong-field regime of gravity with gravitational waves; models and dynamics of neutron stars and black holes in modified theories of gravity. The position is for three years.

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 (5) PhD students and seven (7) MSc students.

Further information on Emmy Noether research group can be found [here](#) and about the Theoretical Astrophysics Group [here](#).

The salary will be paid according to the German public service scale (E13, 50 %). Applications, including curriculum vitae, list of publications (if any), statement of research interests and experience, and the names (address, e-mail) of two potential referees should be sent via email to

Dr. Daniela Doneva
E-mail: daniela.doneva@uni-tuebingen.de

The deadline for full consideration is June 24th, 2022, but applications will be accepted until the position is filled. Early applications are encouraged.

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.