The Johann Wolfgang Goethe University Frankfurt am Main, Germany, the Institute for Theoretical Physics, Department of Physics, invites applications for the following position:

**Professorship (W1, tenure track) in Theoretical Gravitational-Wave Physics**

The position is funded in the context of the DFG-funded CRC-TR 211 »Strong-interaction matter under extreme conditions«. The initial tenure track appointment is for six years according to § 64 of the Higher Education Act of the State of Hessen (HHG). Upon positive evaluation, the incumbent will be promoted to a permanent position at a higher level (W2). Applications are invited from post-doctoral researchers in the early stages of their careers (according to § 64, para. 3 HHG the doctorate should not date back to more than four years).

We are looking for an early-career researcher with an outstanding research record in the field of gravitational-wave physics and its connections to neutron stars and nuclear physics. Participation in current and future collaborative-research initiatives of the Department of Physics, as well as interdisciplinary cooperation within the Faculties of Science is expected.

The ideal candidate has a PhD in Theoretical Physics and will be able to teach Theoretical Physics at all levels, including advanced courses in Theoretical Astrophysics and Gravitational Physics.

The salary for the position is based on »W1« on the German university scale. Goethe University aims at increasing the number of women in research and teaching and therefore explicitly calls on qualified female scientists to apply. Details on the legal framework of the recruitment requirements can be found at: www.vakante-professuren.uni-frankfurt.de

Scientists who are qualified in research and teaching are invited to submit their application in English or German with the usual documents (CV, certificates, teaching experience, publication list, list of third-party funding, short presentation of the research concept) by **September 15th, 2018** in electronic form to the **Dean of the Department of Physics, Goethe-Universität, Max-von-Laue-Str. 1, 60438 Frankfurt am Main, Germany**, E-Mail: dekanat@physik.uni-frankfurt.de