

# Stellenausschreibung

Reg.-Nr. 395/2018  
Fristende 15.02.2019



**FRIEDRICH-SCHILLER-  
UNIVERSITÄT  
JENA**

The Friedrich Schiller University Jena is a scientifically recognized university with over 17,500 students. Jena is a young and vibrant university town with dynamic business activities, successful scientific innovation centers and a vibrant cultural scene around a traditional university. The Institute for Theoretical Physics of the Friedrich Schiller University Jena has from 1st of August 2019 one position as

## **Post - Doctoral Researcher Position (m/f)**

to occupy.

Project:

The position is associated with the research group of Prof. Sebastiano Bernuzzi at the Theoretical Physics Institute Jena and funded by ERC-StG grant "BinGraSp". The project is about modeling binary neutron star coalescence in general relativity, including computational aspects in numerical relativity, gravitational waveform modeling and data-analysis applications. The successful candidates have the opportunity to join the Virgo Collaboration and participate to the LIGO-Virgo gravitational-wave astronomy programme.

The appointment will be initially until 30.09.2020 with possible extension to the end of the project. Candidates with experience in analytical and numerical relativity, gravitational-wave modeling and data analysis are particularly encouraged to apply.

Qualification requirements:

- PhD in theoretical or computational physics
- Preferably experienced in numerical relativity, analytical relativity, gravitational-wave data analysis, or compact binaries astrophysics.
- Fluent communication skills in English, both spoken and written are required

Main tasks:

- Research in highly inter-disciplinary team
- Co-supervision of students
- Attending conferences and workshops

We offer:

- Participation in an excellent international, multi-disciplinary research Team
- the pay scale follows the wage agreements for public employees of federal German states (TV-L E13, 100%)
- university health promotion and a family-friendly working environment with flexible working hours

Severely handicapped people are given preference for equal qualifications, aptitude and professional qualifications. Friedrich Schiller University Jena is committed to increase the percentage of female scientists and therefore especially encourages them to apply.

Applications should be received by February 15th, 2019, but will be considered until the positions are filled. Starting date is expected in August/September 2019.

Please send applications to:



**Prof. Sebastiano Bernuzzi**

sebastiano.bernuzzi@uni-jena.de

Theoretisch-Physikalisches Institut  
Friedrich-Schiller-Universität Jena  
Max Wien Platz 1  
D-07743 Jena, Germany  
Office 209

Please use the string “Application for PhD position – SURNAME NAME”  
in the email subject and use the PDF format for all your files.

Please submit a cover letter, a curriculum vitae with a list of publications, a brief description of research  
interests, and a list of three potential referees, who may be contacted separately.