

The Friedrich Schiller University Jena connects: People and ideas, science and business, universities and non-university research. Rooted in the heart of Germany and linked to the whole world, it shapes Jena's character as a future-oriented and cosmopolitan city.

The Institute for Theoretical Physics of the Friedrich Schiller University Jena has to offer from 2021 one position as

## Postdoc position in multimessenger data analysis (m/f/d)

The position is associated with the research group of Prof. Sebastiano Bernuzzi at the Theoretical Physics Institute Jena.

The candidate is expected to work on the modeling the electromagnetic signals from binary neutron star mergers and on the the joint data analysis of electromagnetic and gravitational-wave signals.

The project is embedded in an ongoing scientific effort on gravitational-wave science and modeling of multimessenger signals. The successful candidate has the opportunity to join the international Virgo and/or the ENGRAVE collaborations. The Jena group is also part of the computational relativity (CoRe) collaboration.

### Main tasks:

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

### Qualification requirements:

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

### We offer:

- attractive fringe benefits, e.g. Capital Assets, Job Ticket (benefits for public transport), occupational pensions (VBL)
- Participation in an excellent international, multi-disciplinary research Team
- A graduate academy for doctoral students and postdocs
- salary in accordance with the terms of the collective agreement for the public service of the Länder (TV-L) in accordance with personal qualifications up to salary scale E13
- University health promotion and a family-friendly working environment with flexible working hours

The full-time position is funded by Deutsche Forschungsgemeinschaft (DFG) for two years. An extension may be possible depending on performance and availability of funds.

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 October 31st, 2020. 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.

Please send applications to:

**sebastiano.bernuzzi@uni-jena.de**  
**Theoretisch-Physikalisches Institut**  
**Friedrich-Schiller-Universität Jena**  
**Max Wien Platz 1**  
**07743 Jena**

Please use the string “Application for PD position – SURNAME NAME” and the registration number 297/2020 in the email subject and use the PDF format for all your files.

For further information for applicants, please also refer to: [www.uni-jena.de/stellenmarkt\\_hinweis.html](http://www.uni-jena.de/stellenmarkt_hinweis.html).

For information on collecting personal data, please refer to: [www.uni-jena.de/Universität/Stellenmarkt/Datenschutzhinweis.html](http://www.uni-jena.de/Universität/Stellenmarkt/Datenschutzhinweis.html).