PhD Position within the Emmy Noether Junior Research Group "Gender in the Age of Digitization and Technological Change" (f/m/d)

We are offering a **fully funded PhD position in Sociology/Computational Social Sciences** within the **Emmy Noether research group** "GenDiT - Gender in the Age of Digitization and Technological Change". The PhD position is associated with the Assistant Professorship of Computational Social Science and Social Dynamics at the University of Erlangen-Nuremberg in Germany (Nuremberg Campus).

You will be part of the independent DFG-funded Emmy Noether Research Group "GenDiT   Gender in the Age of Digitization and Technological Change", which is hosted by the Assistant Professorship of Computational Social Science and Social Dynamics at the University of Erlangen-Nuremberg (FAU). The Research Group is dedicated to understanding the links between digitization and gender inequality in the educational system and the labor market. A central aim is to combine knowledge from Sociology, Educational Research, and Computational Social Science. The research projects are planned in cooperation with an international network of leading scientists (at NYU, UCI, Sciences Po, and Tel Aviv). Further information on the Research Group is available at www.maltereichelt.com/gendit.

Your tasks will include:

- Participation in the planning and implementation of research projects related to one or more of the following subjects "ICT-related gender inequality in the educational system", "Gender inequality in access to ICT-related jobs", "Gender inequality in positional power within ICT-related organizations"
- Preparation and analysis of longitudinal data from the National Educational Panel Study (NEPS), the Integrated Employment Biographies (IEB), archival newspaper data, and other relevant data sets
- Producing research results using state-of-the-art empirical methods
- Independent research for own PhD thesis
- Presentation of research results at internal, national, and international research seminars, workshops and conferences
- Publication of research results in scientific peer-reviewed journals

Qualifications:

- Concluded (resp. soon to be concluded) above-average master's degree (M. A./M. Sc.) in the field of sociology, computational social science, or another social science (e.g., social economics, economics, empirical educational research, psychology)
- Interest in topics of social inequality, gender, labor markets, and educational research
- Solid knowledge of empirical research methods
- Very good knowledge of English
- Experience with (statistical) software Stata, R, and/or Python
- Independent and team-oriented way of working, strong motivation, and initiative

- Interest in working with data and initial experience in empirical research with extensive data sets (e.g., as part of a thesis or internship)
- Knowledge of machine learning methods is an advantage

Additional information:

The position is fully funded (65% position TV-L E13, public sector collective agreement, currently 33,934 Euros gross per year) with a maximum duration of five years (funding-related initially fixed for 2.5 years). The group is located in Nuremberg, Germany, but work can partly be organized remotely.

We offer:

- The opportunity to work on a dissertation within the GenDiT project
- An attractive academic work environment
- Very good opportunities for further training and interdisciplinary exchange
- Possibilities for research stays at and collaborations with faculty from New York University (NYU) and the University of California, Irvine (UCI)
- Close connection to the Leibniz Institute for Educational Trajectories (LIfBi) and the Institute for Employment Research (IAB)
- Flexible working hours and a pleasant work atmosphere
- Support for mentoring programs and childcare during conference attendance
- Opportunities for teaching your own classes (not mandatory)

International applications are highly welcome!

If you are interested in applying, please send all required documents directly to the GenDiT research group leader Prof. Malte Reichelt (malte.reichelt@fau.de). All applications should include contact information, a short motivational letter, outlining own research experience and interests as well as a brief description of technical skills and areas of expertise, and a CV. Additional documents such as an MA-thesis, a class project, a transcript of records, or reference letters are also welcome.

For further information, please reach out to Prof. Malte Reichelt (malte.reichelt@fau.de). More information on the Emmy Noether Research Group GenDiT can be found here: www.maltereichelt.com/gendit.

Deadline for Applications is July 31, 2023

Equal opportunities for all is a key objective for FAU and it has a large number of initiatives in place for ensuring gender equality, diversity management and balancing work and family commitments. FAU offers all its members excellent opportunities for personal and career development and provides support with career planning. It actively welcomes its new members, provides support with orientation and is represented by its alumni in countries around the world.

FAU values diversity and is keen to employ individuals from minorities. We are committed to increasing the number of individuals with disabilities in our workforce and therefore encourage applications from such qualified individuals. Furthermore, we seek to increase the number of women in those areas where they are underrepresented and therefore explicitly encourage women to apply.