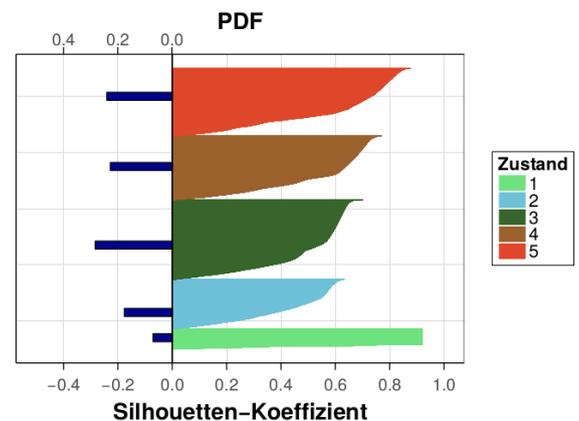UNIVERSITÄT
D U I S B U R G
E S S E N

PHD POSITION IN
BIG DATA AND WIND ENERGY

Are you fascinated by big data science and interdisciplinary research and how to apply that for renewable energies? — If yes, you might be interested in this position.

We are part of the large research program WiSAbigdata — Wind farm virtual Site Assistant for O&M decision support, **comprising groups at the universities of Duisburg–Essen and Oldenburg, the Fraunhofer Institute IWES in Hannover as well as industrial companies running wind farms. The goal is to develop new, advanced methods for analyzing the big data available from** individual offshore wind turbines and entire wind farms. **The insights thereby gathered will be used to quantitatively characterize the different states of the system. Eventually, we want to put forward** improved operational criteria **for running individual wind turbines and whole farms. The project combines statistical research and development of new methods.**

Ad Meskens, Wikimedia

We have a PhD Position to fill (three years, 75% of a full time position, additional 10% with two hours of teaching per week possible). Good programming skills are helpful, but not mandatory. More important is enthusiasm for interdisciplinary work and great interest in big–data research. You should enjoy working in a team!

Your application contains: **curriculum vitae, copies of your university certificates, if applicable copies of your publications. Send your application to: Professor Thomas Guhr and Dr. Sebastian Krause, Fakultät für Physik, Universität Duisburg–Essen, Lotharstraße 1, 47048 Duisburg, Germany, or as e–mail to** `thomas.guhr@uni-due.de` **and** `sebastian.krause@uni-due.de`
Very important: **Arrange two recommendation letters, to be send directly to Thomas Guhr or Sebastian Krause, preferably by e–mail. State the names of those you asked for such a letter in the application.** This announcement is valid until the position is filled.

More information on `www.theo.physik.uni-due.de/tp/ags/guhr_dir/index.html`
Questions? — Send e–mail to `thomas.guhr@uni-due.de` **or** `sebastian.krause@uni-due.de`