



The Doctoral Program “Konfigurationen von Mensch, Maschine und Geschlecht” (Gendered Configurations of Humans and Machines. Interdisciplinary Analyses of Technology) invites applications for 15 Georg Christoph Lichtenberg scholarships for PhD students

Deadline: 1 September 2016

The new interdisciplinary doctoral program “Configurations of Humans, Machines and Gender. Interdisciplinary Analyses of technology” funded by the federal state of Lower Saxony is a joint program conducted by the following institutions:

Braunschweig University of Technology: Institute of Flight Guidance, Department for the History of Science and Pharmacy, Institute for Communications Technology, Institute of Philosophy, Institute of Psychology, Institute of Steel Construction, Institute for Engineering Design, *Ostfalia University of Applied Sciences:* Faculties of Computer Science, Social Affairs, Electrical Engineering and Mechanical Engineering and *Braunschweig University of Art:* Institute for Media Studies.

15 Georg Christoph Lichtenberg scholarships of 1.500 EUR per month are available for successful candidates.

These may be awarded for a period of up to 3 years from January 2017. The program is hosted by the institutions listed above (Braunschweig and Wolfenbüttel).

This collaborative program seeks to explore how human-machine-configurations that support inequality and injustice arise and which alternative configurations can be envisioned and created. Gender, as an analytical category, is placed at the center of this approach. Desirable research projects include specific case studies and technology development projects informed by critical reflections on gender. The disciplines in which the projects will be situated are either science and technology (or related) studies or technical and engineering disciplines, but the researchers will be required to cooperate across the boundaries of these two types of disciplines. Ideal candidates would already have experience in this kind of cooperation.

The program focuses on four research fields, in which the Ph.D. candidates and their supervisors will work across the boundaries of the social sciences, media studies, the humanities and the natural and engineering sciences:

- Abstraction and Modelling
- Creativity and Design
- Materialising/ Virtualising / Representation
- Networks and Emotions.

The doctoral program is chaired by Prof. Dr.-Ing. Corinna Bath (speaker, TU Braunschweig and Ostfalia University of Applied Sciences) and Prof. Dr. Bettina Wahrig (co-speaker, TU Braunschweig). For the research program, the supervisors and their topics as well as grant conditions see <https://www.tu-braunschweig.de/kommag>. Informal inquiries can be directed at: c.bath@tu-braunschweig.de.

Requirements: Applicants should have an above-average degree (generally master's) in a related discipline. We expect you to be able to communicate in German and English and to be prepared to engage with topics and methods of gender studies within the context of the research training group. We welcome graduates eager to engage in interdisciplinary work that transcends the boundaries between technical disciplines and the humanities, and to get access to methods and concepts outside their core disciplines.

Please submit your application by 1 September 2016 (in the form of a C.V., cover letter, scans of degree certificates and other available certificates of employment,) as well as an outline of your proposed Ph.D. project, including a preliminary timetable (maximum 5 pages), preferably in a single pdf file, to komma-g@tu-braunschweig.de.

Please try to align your proposed project with the research fields outlined on the website, noting that some of the projects have specific requirements. You can find details on our website:

<https://www.tu-braunschweig.de/kommag>