Research Training Group 1670
"Mathematics Inspired by String Theory and QFT"
Postdoctoral Position Vacancy

The Research Training Group builds on an established and very lively collaboration between the Departments of Mathematics and Physics and the string theory group of DESY (http://zmp.desy.de). It is embedded in a larger research environment consisting of the Collaborative Research Center SFB 676 "Particles, Strings and the Early Universe" (http://wwwiexp.desy.de/sfb676) and the Center for Mathematical Physics (http://zmp.desy.de). The Research Training Group aims at educating mathematicians and mathematical physicists with basic knowledge in string theory and quantum field theory that enables them to participate actively in cutting-edge interdisciplinary research. Research topics include differential geometry connected to supersymmetry, three-dimensional topological field theories, mirror symmetry, string topology and holomorphic curves and integrable models. Students connect and broaden their individual Ph.D. projects by lectures of resident and guest scientists, working seminars, block courses and exchange programs. All activities take place in English.

We now invite applications for one full time position (39 hours/week) of

Post-Doc Research Associate
(wissenschaftliche/r Mitarbeiter/in in einem post-doc-Arbeitsverhältnis)

- Salary group 13-TV-L - with a **starting date of October 1, 2018**.

The short-term contract is limited to two years, in compliance with § 2 of the Academic Fixed-Term Contract Law (Wissenschaftszeitvertragsgesetz).

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with Hamburg´s Higher Education Act (HmbHG).

Responsibilities: The Research Associates duties would include: (1) carry out independent research on a topic in the scope of the RTG; (2) support the doctoral students in their area of expertise; (3) help to run the students self-organized activities such as the RTG student seminar; (4) help in the organization of special activities of the RTG such as block seminars and summer schools.

Requirements: Academic degree in Mathematics or Physics plus doctoral degree. Research with relations to one or several of the topics of the Research Training Group. A slight preference will be given to applicants whose research interests relate to at least one of the algebraic projects in the RTG.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

Application dossiers including curriculum vitae, a research statement, copies of certifications of academic qualifications held and three confidential letters of recommendation shall be submitted by email to the address below by **January 10, 2018**.

Contact: Gerda Mierswa Silva
Email: **rtg1670.office@uni-hamburg.de**
Fachbereich Mathematik, Universität Hamburg, Bundesstr. 55, 20146 Hamburg, Germany.
Website: grk1670.math.uni-hamburg.de