

The Faculty of Mathematics and Natural Sciences of Heinrich Heine University Düsseldorf, Germany, invites applications for the position of an

**Assistant Professorship with Tenure Track (W1/W2)
“Theory and Simulation of Complex Systems”**

The position at the Institute of physical chemistry and electrochemistry should be filled immediately. This position is funded by the WISNA Bund-Länder program.

The opening is addressed to scientists with a documented track record in the current research field in the area of theory and simulation of interactions and/or dynamics in molecular and particle systems. The studied systems should be relevant in the field of life and/or material sciences. Methodically, applicants should have a proven expertise in e.g. multiscale modeling, analysis with hidden Markov models, reaction and diffusion dynamics.

Active participation in the research activities of HHU chemistry and physics departments in the field of complex systems is expected; For example, in the CRC 1208 "Identity and Dynamics of Membrane Systems - from Molecules to Cellular Functions" (<http://www.sfb1208.hhu.de>) and/or in the area of soft matter.

Applicants (m/f) will be integrated in teaching and research in the Institute of physical chemistry and further support and expand the teaching activities in the study sections chemistry, business chemistry and biochemistry. It is also expected that the candidate (m/f) will establish his/her independent research group and work closely with experimenters. The candidate (m/f) ideally has international research experience and gained first experience in teaching and in the acquisition of third-party funding.

Conditions for employment are, in addition to general administrative conditions in accordance with § 36 of the North Rhine-Westphalia University Act (Hochschulgesetz), an aptitude for teaching, exceptional competence in research, and additional scientific achievements.

About the tenure track program

Employment is initially for three years. Given a successful evaluation in the third year, employment will be renewed for another three years. Conditional on a positive (tenure) evaluation in the sixth year, the position is transformed into a permanent position at associate professorship level (German pay scale W2)

Heinrich Heine University is an equal opportunity employer. Applications from women are highly welcome. Women with comparable qualifications will receive particular consideration unless another applicant displays compelling reasons to prefer this person.

Applications from suitably qualified severely disabled persons or dis-abled persons regarded as being of equal status according to Book IX of the German Social Legal Code (SGB – Soziales Gesetzbuch) are encouraged.

At Heinrich Heine University Düsseldorf, appointments may also be part-time, provided there are no overriding administrative reasons in individual cases for requiring full-time employment.

Heinrich Heine University Düsseldorf offers a Dual Career Service and is a member of the Rhineland Dual Career Network (Dual Career Netzwerk Rheinland). Further information can be obtained at www.dualcareer-rheinland.de.

The application must include a letter of motivation, a curriculum vitae, copies of academic degrees and PhD certificate, a complete list of peer-reviewed publications with identification of the most important work for the establishment of the W1 junior research group, a statement of future research plans, a list of third-party funding, information about research activities, a list of teaching activities and verified information on previous teaching experience (if any), presentation of a meaningful didactic concept for the future teaching activities.

Please send your application using **code number 04 B 18-3.1** no later than **29.06.2018** by email as a single PDF file to the Dean of the Faculty of Mathematics and Natural Sciences of Heinrich Heine University:

bewerbung@mnf.uni-duesseldorf.de

or to

Dean of the Faculty of Mathematics and Natural Sciences

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