Humboldt-Universität zu Berlin - Faculty of Mathematics and Natural Sciences - Department of Mathematics

Full Professorship (W3) for “Numerical Analysis for Partial Differential Equations”

The Faculty of Mathematics and Natural Sciences, Department of Mathematics, invites applications for a Full Professorship (W3) for “Numerical Analysis for Partial Differential Equations” starting October 1st, 2026.

City: Berlin; Starting date (earliest): 01/10/26; Remuneration: W3; Reference number: PR/002/26; Closing date: 10/04/26

Tasks

The objective of the professorship is to strengthen the Berlin Excellence Cluster MATH+ in the field of Numerical Analysis, with a particular focus on simulation and optimization of PDE-based problems involving uncertainties or stochastic components. We are looking for an internationally recognized individual who is a leader in the field of Numerical Analysis of Partial Differential Equations driving the development, analysis, and implementation of efficient discretization and solution methods. In addition, expertise in continuous optimization, stochastics, or applied analysis is desired, as well as high potential for innovation to develop and establish new areas of research.

The Berlin Cluster of Excellence MATH+ is a dynamic interdisciplinary research center that focuses on application-driven mathematical research relevant to our society. Its three main goals are to train highly skilled young mathematicians across the entire breadth of mathematics, to develop innovative application-oriented mathematics with a focus on data-driven modelling, simulation, and optimization, and to open new mathematical thinking spaces. MATH+ is supported by Berlin mathematics in cooperation with other scientific disciplines. Moreover, MATH+ strives to communicate its findings actively to the general public. The successful candidate fits the scope of the Berlin Cluster of Excellence MATH+ and complements the scientific profile of the Institute of Mathematics at Humboldt-Universität zu Berlin, while exhibiting a large cooperation potential within Berlin mathematics and neighboring disciplines.

Requirements

The applicants must meet the legal requirements for professorial appointments in accordance with § 100 of “Berliner Hochschulgesetz”. HU is seeking to increase the proportion of women in research and teaching, and specifically encourages qualified

female scholars to apply. Researchers from abroad are welcome to apply. Severely disabled applicants with equivalent qualifications will be given preferential consideration. People with an immigration background are specifically encouraged to apply.

Application

Please submit your application until April 10, 2026 and quoting the **reference number PR/002/26** to: Humboldt-Universität zu Berlin, Dean of the Faculty of Mathematics and Natural Sciences, Prof. Dr. Emil List-Kratochvil, Unter den Linden 6, 10099 Berlin, Germany and upload electronically at https://www2.mathnat.hu-berlin.de/NumAnaParDE in one single pdf-file. Since we will not return your documents, please submit copies in the application only.

Your application must include a cover letter, curriculum vitae, a research concept with current and future research projects, a statement of teaching philosophy and teaching experience including a list of courses, copies of transcripts and certificates (for international degrees including transcripts), and a complete list of publications with up to 5 selected copies of more recent works.

Information pursuant to Art. 12, 13 DSGVO on the processing of personal data at Humboldt-Universität within the framework of job advertisements can be found on our Website: https://hu.berlin/DSGVO.

Please visit our website https://www.hu-berlin.de/universitaet/arbeiten-an-der-hu/stellenangebote/details/w3-professur-fuer-numerische-analysis-partieller-differentialgleichungen-pr-002-26, which gives you access to the legally binding German version.

More information at https://stellenticket.de/201536/BUA/
Offer visible until 10/04/26