



Faculty Position in Computational and Applied Mathematics

at the Ecole polytechnique fédérale de Lausanne (EPFL)

The School of Basic Sciences (Physics, Chemistry and Mathematics) at EPFL seeks to appoint a tenured Associate/Full Professor in Computational and Applied Mathematics.

We seek outstanding candidates who will play a major role in further developing research and education at EPFL in computational and applied mathematics, with research interests in core topics of the area, including but not restricted to computational aspects of multiscale, multiphysics and stochastic modeling, as well as numerical simulation of dynamical systems, scientific machine learning, and/or reduced order modeling. The candidate should have an interest in building interdisciplinary collaborations and bridges with other major entities in the ETH domain and beyond, with the ambition to create and coordinate world-leading initiatives to develop mathematics for a specific application field of major strategic importance, such as personalized medicine, sustainability, planet earth, etc. Priority will be given to the overall originality and impact of the candidate's work over any particular specialization area.

Candidates should hold a PhD and have an excellent record of scientific accomplishments in the field, commensurate with the rank of a tenured professor. In addition, a strong commitment to excellence in teaching at the undergraduate and graduate levels within the Section and Doctoral School of mathematics is expected. The successful candidate is also expected to play an important role in the EPFL's MSc in Computational Science and Engineering.

EPFL, with its main campus located in Lausanne, Switzerland, on the shores of Lake Geneva, is a dynamically growing and well-funded institution fostering excellence and diversity. It has a highly international campus with first-class infrastructure, including high performance computing facilities. The Institute of Mathematics at EPFL is home to world-class faculty and benefits from the presence of the Bernoulli Center for Fundamental Studies on campus.

As a technical university covering essentially the entire palette of engineering and science, EPFL offers a fertile environment for multi-disciplinary research collaborations. The EPFL environment is multi-lingual and multi-cultural.

Applications should include a cover letter, a CV with a list of publications, a concise statement of research (maximum three pages) and teaching interests (one page), and the names and addresses (including e-mail) of five to seven references who have already agreed to supply a letter upon request.

Application deadline: **15 November 2024**.

Applications should be uploaded to the EPFL recruitment page:

<https://facultyrecruiting.epfl.ch/position/56918017>

Enquiries may be addressed to:

Prof. Maryna Viazovska

Director of the Mathematics Institute
& Co-Chair of the Search Committee

and/or

Prof. Daniel Kressner

Co-Chair of the Search Committee

at the address applmath-search.2024@epfl.ch

For additional information, please consult www.epfl.ch, sb.epfl.ch, math.epfl.ch

EPFL is an equal opportunity employer and family-friendly university. It is committed to increasing the diversity of its faculty and strongly encourages qualified women to apply.