

The University of Innsbruck invites applications for the position of a

**University Professor
of
APPLIED MATHEMATICS WITH FOCUS ON
DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS**

at the Department of Mathematics at the Faculty of Mathematics, Computer Science and Physics.

It is a position in accordance with § 98 of the Austrian Universities' Act (Universitätsgesetz - UG) and will be based on a civil-law employment contract with the University on the basis of the Salaried Employees Act (Angestelltengesetz). The contract will be concluded for an unlimited period; the extent of employment is 100%.

Responsibilities include

The chair-holder is expected to represent the subject of "Differential Geometry and its Applications" both in research and teaching with a focus on "Applied Mathematics", for instance in the areas of numerical mathematics, mathematical physics and machine learning/data science.

She/he will seek cooperation with the existing research groups of the department of mathematics as well as the faculty's Research Areas "Digital Science Center", "Physics" and "Scientific Computing" and also interact with the faculty-spanning research areas.

In teaching, the future professor needs to contribute to/cover the subject area of mathematics with a focus on differential geometry on all three levels of the Bologna System (B.A., M.A., PhD) in the relevant courses of the Faculty of Mathematics, Computer Science and Physics.

Personal involvement in academic administration and self-governance as well as in the department's and faculty's working groups will form another essential duty.

Employment Requirements include

- a) a degree in higher education in Austria or the equivalent abroad, pertinent to the position;
- b) pertinent habilitation/venia docendi or comparable qualification (e.g. senior lecturer, associate professor);
- c) publications in leading international peer-reviewed academic journals;
- d) proven competence in differential geometry and its applications;
- e) evidence of involvement in international research;
- f) relevant international experience;
- g) experience in acquiring and managing of competitive third-party funds;
- h) exceptional teaching skills;

- i) management skills;
- j) the ability to teach in English;
- k) knowledge of German is not a prerequisite; however, the holder of the position will be expected to become proficient in German at the level B2 within 2 years.

Your application must have arrived by

02/07/2025

at Universität Innsbruck Fakultäten Servicestelle Standort
Technikerstraße 17, A-6020 Innsbruck (fss-technik@uibk.ac.at).

The University of Innsbruck is committed to increasing the percentage of female employees especially in leading positions and therefore explicitly invites women to apply. In the case of equivalent qualifications, women will be given preference.

In line with the Collective Bargaining Agreement professors are in remuneration group A 1, i.e., for a full-term professorship the basic salary is **€ 92.460,20**. Depending on qualification and experience a higher salary and facilities may be negotiated with the Rector. The university also offers attractive additional benefits (<http://www.uibk.ac.at/universitaet/zusatzleistungen/>).

The application should include: a curriculum vitae with a description of your scholarly and professional career; a list of scientific publications, lectures and other academic work and projects, including projects funded by third parties with specification of the applicant's own contribution and role in the application process as well as a list of all courses taught so far; a description of completed, current and intended research (max. 5 pages); a teaching concept and the five most important works (full text). All documents have to be submitted in digital form (E-Mail with two pdf attachments: Attachment A contains the 5 most important papers, Attachment B all other application documents).

The full, authoritative text in German (published in the official bulletin of the University of **07/05/2025**) and up-to-date information on the state of the opening can be found at

<https://www.uibk.ac.at/de/fakultaeten-servicestelle/standorte/technikerstrasse/berufung/>

Univ.-Prof.ⁱⁿ Dr.ⁱⁿ Veronika Sexl
Rector