

## GZ B 0007/1-2023

The Paris Lodron University Salzburg (PLUS) is an emerging University in Austria that stands for excellence in research and teaching in the field of (Digital) Humanities, Life Sciences, sustainability of (social) processes and the connection of Art & Science. With the four guiding themes “Art in Context”, “Development and Sustainability”, “Digital Life”, and “Health and Mind”, PLUS offers scientists excellent opportunities for inter- and transdisciplinary networking.

The Paris Lodron University Salzburg invites applications for a position as a

### **Full Professor in Geometry/Optimization**

at the Department for Mathematics.

The Professorship for Geometry/Optimization should fully represent the fields of geometry and optimization in teaching and research and establish an active research and teaching-intensive working group at the Department of Mathematics.

The successful candidate is expected to be internationally renowned in one of the specialist fields (ideally in both fields or their interfaces) and have a distinct profile in a current mathematical area of interest. Their research activities should also show a discernable connection to the second field (e.g., through publications, projects or teaching experience), this could be for example the application of optimization processes in geometrical questions or the study of the optimization with a geometrical background.

Teaching will not be restricted to courses in geometry and optimization but will also involve basic courses (in particular the areas of analysis and linear algebra), this applies to courses in the bachelor, master and doctoral study programs as well as the courses offered in mathematics education. A commitment to supporting of students with their final theses is also expected.

Networking with the research groups in the Department of Mathematics and interdisciplinary connections to the research areas of interest of the Faculty of Digital and Analytics Sciences and the PLUS will be explicitly encouraged. Experience in the acquisition and realization of externally funded projects in competitive support programs as well as the commitment to procuring externally funded projects in the future are required.

#### **Job requirements:**

1. a doctorate/PhD degree in one of the corresponding applications,
2. a relevant habilitation (venia docendi) or equivalent scientific accomplishments,
3. outstanding academic competence,
4. experience in the acquisition of externally funded projects,
5. outstanding aptitude for pedagogy and didactics in higher education,
6. verification of involvement in the international scientific community (e.g. activity as a reviewer, relevant international experience, organization of conferences, lecturing activities, etc.),
7. a good command of written and spoken German, i.e. the ability and willingness to hold courses and examinations in German.

**Additional expectations and requirements:**

1. participation in research and teaching cooperations at the Paris Lodron University and their development,
2. experience of modern science management,
3. willingness to be involved in the academic autonomy,
4. willingness to assume leadership functions,
5. ability to work in a team, interdisciplinarity, good people skills, ability to work under pressure, flexibility,
6. the ability and willingness to hold courses and examinations in English.

The position is offered as a full-time tenured contract, as regulated under the Austrian University Act (UG 2002 §98 Abs.1). The Paris-Lodron University of Salzburg is committed to increasing the proportion of women in research and teaching positions and therefore explicitly encourages female candidates to apply. Women will be given preference over equally qualified men. Disabled persons and persons with chronic diseases who fulfil the qualification criteria are invited to apply. Travel and accommodation costs arising from this application cannot be reimbursed.

Applications are to be submitted in English with the customary enclosures such as CV, list of scientific publications, list of courses held, teaching evaluations, teaching certificates, list of relevant research projects, description of past and planned research activities, a concept for the shaping of the professorship at the Department of Mathematics, as well any exceptional activities

Applications should be addressed to the Rector of Salzburg University, Prof. Dr. Dr. h.c. Hendrik Lehnert, and submitted until 24.09.2023 by email to [bewerbung@plus.ac.at](mailto:bewerbung@plus.ac.at), please include the registration number of the job advertisement (**GZ B 0007/1-2023**).

Further information can be requested under +43 662 8044 5308 or from [sekretariat.math@plus.ac.at](mailto:sekretariat.math@plus.ac.at).