

As part of the 'Excellence in Digital Sciences and Interdisciplinary Technologies' (EXDIGIT) initiative, funded by the State of Salzburg, the Paris Lodron University Salzburg, Austria, is seeking to appoint a

**doctoral candidate (f/m/d; 30 hours/week; 4 years)**

as a scientific project employee. The successful candidate will execute research in close collaboration with Christine Bauer, EXDIGIT Professor of Interactive Intelligent Systems. By doing so, the candidate is expected to collaborate closely within the wider framework of the EXDIGIT Research College and the existing research groups within the Faculty of Digital and Analytical Sciences of the Paris Lodron University Salzburg and Salzburg Research.

Candidates are expected to integrate well into a genuinely interdisciplinary research setting and share a strong interest in the topic of **recommender systems**. Ideally, they will focus on one or more of the following areas:

- fairness in recommender systems;
- music recommender systems; or
- societal implications of recommender systems.

Further topics are welcome as long as they match the general vision outlined.

We are looking for a candidate that meets the following profile:

- a background in Data Science, Artificial Intelligence, Computer Science, Information Science, Computational Social Sciences, Human-Computer Interaction, or a related field;
- a strong interest in conducting interdisciplinary research;
- well-developed programming skills (as needed for, e.g., offline evaluation);
- an interest in interacting with humans in research (e.g., questionnaires, experiments, interviews);
- an interest in data science;
- a strong interest in algorithmic curation, adaptation, and personalization;
- good communicative skills in English, both in writing and speech;
- an interest in the music sector or a related field in entertainment is a plus.

The successful candidate is expected to publish research results at scientific conferences and in journals, help organizing scientific events, and support the acquisition of third-party funding. Teaching assignments may be agreed upon separately.

For further information, please contact Univ.-Prof. Mag. DI Dr. Christine Bauer ([christine.bauer@plus.ac.at](mailto:christine.bauer@plus.ac.at)).

According to the Collective Agreement for University Employees, the successful candidate will be allocated to Employment Group B1 (EUR 2,684.10 gross for 30 hours/week; monthly salary, paid 14 times a year).

Applications should be written in English and include the following documents: cover letter describing your motivation, a CV, the Master thesis or equivalent, a list of publications (*if existent*), a brief description of your envisaged research, and contact details of *up to* three references. Please submit all documents as PDF files to [pmo.exdigit@plus.ac.at](mailto:pmo.exdigit@plus.ac.at) (subject: 'Application EXDIGIT/Bauer/PhD'). Review of applications will begin 15 February 2023 and will continue until the position is filled.

The Paris Lodron University Salzburg is committed to equity, diversity, and inclusion. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity, sexual orientation, national origin, disability, or age. Individuals with disabilities or chronic illnesses who meet the required qualification criteria are explicitly encouraged to apply.