



We are Austria's largest research and technology organisation and an international player in applied research for innovative infrastructure solutions. This makes us a powerful development partner for industry and a top employer in the scientific community. To support the Digital Health & Prevention team of Ludwig Boltzmann Institute at the University Hospital Salzburg, our **Center for Health & Bioresources** invites applications for a:

PhD thesis in the field of "Digital motivational intervention for physical activity"

IMAGINE

- We are constantly looking for talented, innovative people, who want to develop "out-of-the-box" solutions for real-world problems. Now you have the opportunity to join our **AIT-PhD community**, with more than 200 international students. **Let's make ideas work – With you?**
- In the field of **digital health and prevention**, you will explore innovative, interactive, and mobile technologies with the goal of supporting people in making long-term, sustainable, and efficient health-related lifestyle changes.

ENGAGE

- Together with our multidisciplinary team, you will work on the development of a digital health tool – Based on the algorithms and data analyses you develop, this tool will be able to provide patients with evaluations and personalized assistance in a timely manner.
- Based on surveys, smartphone-, and wearable data, you will analyze existing pilot study outcomes on issues that support or hinder physical activity.
- Using psychological theories, you will develop a model for digital "just in time" interventions to increase and foster motivation for performing physical activity.
- Finally, you will coordinate a field study to test your developed digital interventions.

ACHIEVE

- Your work will have a major contribution for the development of medical and preventive psychology studies in the field of technology-assisted therapies.
- Your research and results will lead to improved solutions, analytical methods and tools, which will have a positive impact on the patients' and citizens' quality of life.

Your qualification as an **Ingenious Partner**:

- Master's Degree in Psychology, Informatics, Mathematics, Biomedical Engineering or a similar field
- Knowledge of data modeling, statistics and data analysis (ideally R or Python) and willingness to further development in the health psychology / prevention science field.
- Hands-on mentality and affinity for creating technical solutions and making them productive
- Willingness to travel for meetings in Vienna and/or Wr. Neustadt (**Workplace: Salzburg**)
- High level of commitment and ability to work in a team
- Very good knowledge of English, verbal and written

What to expect:

EUR 2.237,60 gross per month for 30 h / week based on the collective agreement. There will be additional company benefits. You will be part of our international AIT PhD community and participate in our AIT PhD framework program. As a research institution, we are familiar with the supervision and execution of PhD theses and we are looking forward to supporting you accordingly!

At AIT, the promotion of women is important to us - that's why we are especially looking forward to applications from female students!

TOMORROW TODAY – WITH YOU?

Please submit your application documents including CV, motivational letter and certificates online: <https://jobs.ait.ac.at/Job/148279?culture=en>

