

interdisciplinary
transformation
university austria

Altenberger Straße 66c · Science Park 4 · OG2
A-4040 Linz

it-u.at

IT:U – Kommunikations- und Informationsplattform

Verlautbarungsteil

Jahrgang 2026

Ausgegeben am 14. September 2026

Nr. 0037 Ausschreibung: Ausschreibung von PhD Doktoratsstudienplätzen

Ausschreibung

der Interdisciplinary Transformation University Austria von PhD Doktoratsstudienplätzen

Die Interdisciplinary Transformation University Austria – IT:U schreibt die Besetzung von PhD Doktoratsstudienplätzen im Fach Interdisciplinary Computing in der folgenden Forschungsgruppe aus:

- Human-AI Collaboration and Behavior Modeling

Die Ausschreibungstexte sind im Sinn einer breit formulierten und missionsorientierten Ausschreibung zu verstehen und in der Beilage angefügt. Insgesamt ist ein PhD Doktoratsstudienplatz mit Antrittsdatum ab 1. Januar 2027 ausgeschrieben. Mit dem Studienplatz geht eine Inskription in das PhD Studium Interdisciplinary Computing einher. Das Curriculum ist einsehbar unter:

it-u.at/wp-content/uploads/2026/08/28/27th-issue_20260618.pdf

Entsprechend den im Bundesgesetz über das Institute of Digital Sciences Austria (Interdisciplinary Transformation University) festgelegten Grundsätzen betreibt die IT:U eine antidiskriminatorische Anstellungspolitik und legt Wert auf Chancengleichheit, Diversität, Inklusion, Gleichstellung der Geschlechter und Frauenförderung. Die IT:U strebt eine Erhöhung des Frauenanteils beim wissenschaftlichen Personal an und lädt daher qualifizierte Frauen ausdrücklich zur Bewerbung ein. Bei gleicher Qualifikation werden Frauen vorrangig aufgenommen.

Die Bewerbungsfrist endet am 5. Oktober 2026. Eine
Bewerbung ist unter <https://apply.it-u.at/> möglich

1 Beilage

Die Gründungspräsidentin:
Stefanie Lindstaedt



Nicht rechtsverbindliche Übersetzung - Non legally binding translation:

IT:U – Communication and information platform Promulgation Section

Volume 2026

Issued on September 14, 2026

Nr. 0037 Announcement: Call for Applications: PhD Student Interdisciplinary Computing

Call for applications

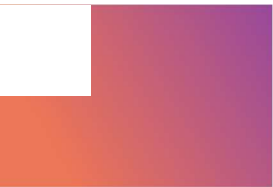
PhD Student Interdisciplinary Computing

The Interdisciplinary Transformation University Austria – IT:U announces the opening of a call for one PhD student in the doctoral school Interdisciplinary Computing in the following research group field, as outlined in the annex:

- Human-AI Collaboration and Behavior Modeling

The job posting is intended to be understood as broadly formulated and mission-oriented and can be found attached. In total, the appointment of one PhD student is planned, with a start date of January 1, 2027. The Curricula of the doctoral school Interdisciplinary Computing may be found on IT:U's webpage: it-u.at/wp-content/uploads/2026/08/28/27th-issue_20260618.pdf

In accordance with the principles established in the Federal Act on the Institute of Digital Sciences Austria (Interdisciplinary Transformation University), IT:U practices an anti-discriminatory hiring policy and places a strong emphasis on equal opportunities, diversity, inclusion, gender equality, and the promotion of women. IT:U aims to increase the proportion of women in its academic staff and therefore explicitly encourages qualified women to apply. In cases of equal qualifications, preference will be given to women.



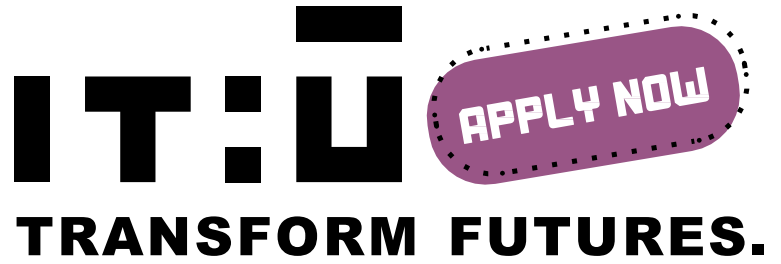
The application deadline is October 5, 2026.

Interested students can apply at: <https://apply.it-u.at/>

1 Annex

The Founding President:
Stefanie Lindstaedt





#TRANSFORMINGTOMORROW: MAKE A DIFFERENCE WITH US.

IT:U is Austria's first public interdisciplinary university dedicated to digital transformation for the benefit of our society, economy and environment.

1 PhD Position

Human-AI Collaboration and Behavior Modeling

IT:U Doctoral School – PhD Program Interdisciplinary Computing

1 PhD position | 30h/week | Up to 3 years | On-site in Linz (AT) | Start Date: earliest January 2027

Field of Research and Scope

Intelligent User Interface research aims to enhance the usability of AI systems and create innovative interface concepts through AI technologies. The goal is to provide safer, less distracting, and more trustworthy applications across various domains, such as mobility, industry, healthcare, workplaces, and private life. Given the vast amount of technology, it is crucial to design holistic strategies for interacting with all the devices, services, and apps around us. In our research group, we employ cutting-edge methods like reinforcement learning, computational rationality, and generative AI to conceptualize, implement, and evaluate new interface designs. Our focus is particularly on managing user attention, modeling human behaviors, and adapting interfaces to align with users' contexts, goals, and ongoing activities.

Program Structure

IT:U offers a 3-year, structured PhD program.

The first semester concludes with a PhD Progress Presentation. Over the next years, students will develop and write their PhD theses. This is accompanied by interdisciplinary research seminars. The PhD program concludes with the submission and defense of the PhD thesis.

[Click here to view the curriculum.](#)

* **Come as you are** – we value and promote diversity in our team. Each individual is encouraged to reach their full potential, realize ideas and seize opportunities. Regardless of age, skin color, religion, gender, sexual orientation or origin, we welcome applications from all people equally.

Opportunities offered

- Collaborations: The IUI group closely works with top research institutions worldwide, to propose and conduct workshops, share and utilize infrastructure (such as driving simulators or physiological measurement devices), or collect data in experiments with human subjects. The group will also cooperate with other researchers and professors within IT:U.
- International Mobility and exchange: Selected candidates will benefit from the PI's close connections to international collaborators, including (but not limited to) Georgia Institute of Technology (USA), Aalto University (Finland), TU Eindhoven (Netherlands), or LMU Munich (Germany).
- Professional and personal development: PhD students will receive comprehensive guidance throughout their academic journey at IT:U and beyond and have the possibility to contribute to a successful research team.

Responsibilities and Tasks

- conducting research
- writing academic publications
- attending national and international conferences
- collaborating with other research groups on an interdisciplinary basis
- performing auxiliary activities in academic teaching for up to 2 weekly credit hours
- helping to file applications for third-party funding
- complying with the institution's academic standards and ethical guidelines

Skills and Qualifications needed

- A degree equivalent to a Master's degree in computer science, psychology, cognitive science, human factors, or other related fields.
- Knowledge of AI technologies such as supervised, unsupervised, or reinforcement learning
- Programming skills, ideally in combination with 3D Game Engines
- Understanding of computational modelling
- Knowledge of or interest in research with human participants
- Fluent in English

What you can expect

- Innovative and stimulating working conditions in an interdisciplinary, international research environment
- Office kitchen with complimentary basic supplies
- Climate Ticket Upper Austria (optimal public transportation connections)
- We offer a gross salary in line with the FWF salary rate of EUR 2.832,10 (30h).

How to apply

Please fill in the online application form and upload your files at:
<https://apply.it-u.at/>

- Curriculum Vitae
- Bachelor's and Master's diploma (or equivalent)
- Bachelor's and Master's Transcript of Records
- Motivational letter (max. 2 A4 pages)
- Up to 3 contacts of professors/collaborators for recommendations

We look forward to receiving your online application.

*** Come as you are** – we value and promote diversity in our team. Each individual is encouraged to reach their full potential, realize ideas and seize opportunities. Regardless of age, skin color, religion, gender, sexual orientation or origin, we welcome applications from all people equally.



Your contact person
Bettina Mairhofer
study@it-u.at

DEADLINE: October 5th, 2026