

Vienna Research Group Leader in the field of „Information and Communication Technology - Interdisciplinary Data Science“

Position:

Applications are being invited for outstanding early-career scientists (2-8 years post PhD), interested in building up their first independent research group in the field of "Information and Communication Technology – Interdisciplinary Data Science" at the University of Vienna.

The aim of this announcement is to source exceptional candidates, who, once selected, will then go on to submit an application together with experienced scientists at the University of Vienna, to the current call for young investigators by the Vienna Science and Technology Fund (WWTF): https://wwtf.at/upload/VRG19_web_v2.pdf.

In the case of a successful funding decision, the research group will be financed for max. 8 years, with up to 1.6 million EUR being provided by the WWTF, supplemented by an additional contribution from the University itself. After a successful interim evaluation, the University of Vienna will offer the group leader a tenure-track position.

Requirements:

Applicants should have exceptional promise, or a proven record of research achievement, within the field of Information and Communication Technology as well as in an interdisciplinary focus area (examples are mentioned below). They should also provide strong evidence of their potential to make a significant contribution to substantial state-of-the-art scientific research questions in this particular research field. Female applicants are explicitly encouraged to apply.

Application procedure:

Interested Postdoc candidates should contact their possible host scientists at the University of Vienna. Please find possible host groups below. Applications, including a CV and a short statement of the intended research project, should be sent to the respective host scientist(s) **no later than 7th May 2019**.

For further information, please contact:

Barbara Leitner

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Research Services and Career Development

University of Vienna

Examples for possible interdisciplinary focus areas (this list is non-exhaustive, and applications with other focus areas are welcome):

Computer Science – Computational drug discovery

Research on innovative algorithms, in particular machine learning algorithms for problems arising in computational drug discovery, is of particular interest in this possible focus area. Those interested in this focus area should be highly motivated to carry out interdisciplinary research at the interface between computer science and pharmacoinformatics and drug discovery.

Hosts:

- Univ.-Prof. Dipl.-Ing. Dr. Wilfried Gansterer, M.Sc.
Faculty of Computer Science / Research Group Theory and Applications of Algorithm
- Univ.-Prof. Mag. Dr. Gerhard Ecker
Faculty of Life Sciences / Department of Pharmaceutical Chemistry
- Univ.-Prof. Dipl.-Inform. Dr. Claudia Plant
Faculty of Computer Science / Research Group Data Mining
- Univ.-Prof. Mag. Dr. Thierry Langer
Faculty of Life Sciences / Department of Pharmaceutical Chemistry

For further information, please contact: first_name.last_name@univie.ac.at

Computer Science – Scientific application areas

Of particular interest are application areas which are represented in the research platform Data Science @ Uni Vienna (<https://datascience.univie.ac.at/>).

Contact:

- Univ.-Prof. Torsten Möller, PhD
Faculty of Computer Science / Research Group Visualization and Data Analysis