



Technische Universität Wien
Inst. Logic and Computation (E192-01)
Algorithms and Complexity Group
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The [Algorithms and Complexity Group](#) at TU Wien is inviting applications for a full-time, fixed-term

Postdoc (Postdoctoral University Assistant, pay grade B1 (100%))

position starting September 1, 2018 (negotiable) in the FWF project “Human-Centered Algorithm Engineering: Graph and Map Visualization” led by [Assoc.Prof. Dr. Martin Nöllenburg](#).

The project is funded by the Austrian Science Fund (FWF) and deals with algorithmic problems in graph visualization and cartography that integrate human expertise into the algorithmic optimization process. The goal of the project is to design, analyse, implement, and evaluate efficient geometric human-in-the-loop algorithms to obtain high-quality solutions for challenging visual design tasks. The project combines aspects of algorithm engineering, information visualization, and human-computer interaction and opens opportunities for interdisciplinary research. The postdoc position is intended to bring additional expertise in human-computer interaction or user-centered design into the project team.

The ideal candidate is an enthusiastic and proactive experienced researcher with an excellent PhD degree and a solid track record in HCI, Information Visualization/Visual Analytics, or some other project-related area. A strong research interest in combining algorithmic techniques and human interaction in theory and practice is required. We expect good English communication skills (written and spoken) and the ability to work independently and in interdisciplinary teams.

We offer a stimulating and collaborative working environment in a strong, international research group in the field of algorithms and complexity. The project offers a variety of challenging research problems and welcomes your individual perspective, ideas, and contributions to the general project goals. The [Faculty of Informatics](#) at [TU Wien](#) is Austria’s largest computer science department and ranks among the top universities in computer science in Europe. Furthermore, Vienna has been awarded for nine years in a row as the city with the world’s highest quality of living. The position includes travel funds for conferences and research visits, full social security benefits and health insurance. The monthly gross salary, according to the [FWF salary scheme](#), starts at 3,711€ (14× per year). The initial appointment is for at least one year and can be extended by mutual agreement.

Informal inquiries about the project and the position are welcome and should be sent to Martin Nöllenburg, noellenburg@ac.tuwien.ac.at.

Your application documents should contain the following: cover letter (explaining your motivation, your qualifications for this position and your preferred starting date), detailed academic CV (including the full list of publications), transcript of records and academic degree certificates, PhD thesis, and contact information of at least three references. Send your application documents in PDF format to Martin Nöllenburg, noellenburg@ac.tuwien.ac.at. The selection process starts on June 1, 2018, and continues until the position is filled.