

Stellenausschreibungen

An der Fakultät für Informatik der Technischen Universität Wien gelangen nachstehende Stellen für vollbeschäftigte **Assistentinnen/Assistenten** zur Besetzung.

Die Bewerber und Bewerberinnen haben keinen Anspruch auf Abgeltung angefallener Reise- und Aufenthaltskosten, die aus Anlass des Aufnahmeverfahrens entstanden sind.

30.4.2 Eine Laufbahnstelle für eine/n vollbeschäftigte/n Assistent/in (40 Wochenstunden) am Institut für Informationssysteme, fachliche Bezeichnung Run-time systems and scheduling for High-Performance Computing

The Institute of Information Systems at the Faculty of Informatics of the Vienna University of Technology (research group for Parallel Computing) is offering an Assistant Professor (tenure track) position in "Run-time systems and scheduling for High-Performance Computing". The initial appointment is for 6 years with the possibility of promotion to a permanent position as Associate Professor following a positive tenure evaluation.

The Vienna University of Technology is Austria's largest scientific-technical research and educational institution. The Faculty of Informatics, one of the eight faculties of the university, has an excellent reputation and high visibility in national and international research.

The research group for parallel computing is a still new group at the Faculty of Informatics, see www.par.tuwien.ac.at. The group is concerned with theoretical and practical aspects of parallel computing for solving concrete, fundamental problems on different types of parallel computers ranging from idealized, parallel model architectures to concrete multi-core and large-scale (HPC) systems.

Particular interests of the group are in interfaces and algorithmic support for efficient execution of parallel programs on various types of parallel systems; including sound, experimental evaluation of implemented procedures and systems. The position is intended to complement the groups activities in efficient run-time and scheduling support, and can focus on implementation of run-time scheduling systems, on modeling and design of scheduling algorithms and approaches under realistic assumptions, on the comparison between theoretical bounds and concrete implementations, on performance modeling for run-time systems, and related aspects. Contributions to other activities of the group (research projects including acquisition of new projects), especially including teaching, are expected as part of the position.

The position is initially offered for 6 years, and can become permanent subject to a successful evaluation. Entry level salary as a postdoctoral researcher is covered by grade B1 of the Austrian

Collective Agreement for university staff, and receives a minimum of currently EUR 49.644,00 per year. Following an agreement on the requirements for a positive tenure evaluation, this will be upgraded to A2, with a current minimum salary of EUR 58.709,00 per year.

Qualifications:

- A good PhD in computer science, electrical engineering, mathematics, or other related area
- A qualitatively strong publication record in one or more parallel computing themes, practically or theoretically oriented
- Good theoretical grounding in computer science (algorithms and data structures, complexity, computability, ...)
- Specific research results in the areas of run-time systems and/or scheduling for parallel systems (theory and practice), possibly including algorithms and data structure support for concurrent systems

- Interest in practical implementations, and strong programming skills in C/C++, Fortran, or Java; knowledge of other paradigms (functional, logic, data flow)
 - Research capability, interest and enthusiasm, demonstrated both independently and with collaborators
 - Teaching experience and a positive interest in the teaching aspect
 - Scientific experience and maturity at an advanced PostDoc level
- Speaking German is not required, but fluency in English (written and spoken) is a must, and willingness to learn German for foreign applicants is expected.

The application should include

- a short motivation letter (1/2 page),
- a statement of interests and research outline (max. 1 page),
- a teaching statement and outline (max. 1 page)
- CV including full list of publications,
- copies of the three most significant publications,
- certificates of doctoral and diploma degrees,
- names and contact information of two references that can be contacted for supporting information.

The Vienna University of Technology is committed to increasing female employment in leading scientific positions. Female applicants are explicitly encouraged to apply. Preference will be given when equally qualified. People with special needs are equally encouraged to apply.

For further questions please contact Prof. Dr. Jesper Larsson Träff.

Deadline for the application is 18th of March 2015. The preferred start is May 2015.

Applications in digital form (pdf) should be sent to the personal department of the TU Wien, Ms. Katharina Schmidt (katharina.schmidt@tuwien.ac.at)

30.4.1 Eine Stelle für eine/n vollbeschäftigte/n Assistenten/in (40 Wochenstunden) am Institut für Informationssysteme, Fachbereich Datenbanken und Artificial Intelligence, voraussichtlich ab 1. April 2015 für die Dauer von 6 Jahren, Gehaltsgruppe B1.

Das monatliche Mindestentgelt für diese Gehaltsgruppe beträgt derzeit EUR brutto 3.546,- (14x jährlich). Aufgrund tätigkeitsbezogener Vorerfahrungen kann sich das Entgelt erhöhen.

Aufnahmebedingungen:

einschlägiges abgeschlossenes Doktoratsstudium der Fachrichtung Informatik

Sonstige Kenntnisse:

hervorragende wissenschaftliche Leistungen in den Bereichen Datenbanken und/oder Artificial Intelligence sowie ausgezeichnete Kenntnisse von formalen Methoden der Informatik (insbesondere Logik und Komplexitätstheorie). Es wird die Bereitschaft zur Mitarbeit in der Lehre, an Institutsschwerpunkten sowie an Projektakquisition und -management erwartet. Insbesondere ist mit dieser Stelle die Hauptverantwortung für die Bachelor-Lehrveranstaltung "Datenmodellierung" verbunden.

Weiters auch erwartet: Sehr gute Deutschkenntnisse

Bewerbungsfrist: bis 25. Februar 2015

Bewerbungen richten Sie an die Personaladministration, Fachbereich wiss. Personal der Technischen Universität Wien, Karlsplatz 13, 1040 Wien, Onlinebewerbungen an katharina.schmidt@tuwien.ac.at.

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