**Thurgauer Institut
für digitale Transformation**

an der Universität Konstanz
und an der HTWG Konstanz

**c/o Thurgauer Wirtschaftsinstitut
Hafenstrasse 6
CH-8280 Kreuzlingen
tidit.ch**

26. September 2024

**Junior Research Group Leader in Data System (m/f/d)**

Founded in January 2024, the Thurgau Institute for Digital Transformation (TIDIT) is a new research institute based in Kreuzlingen, Switzerland. TIDIT is part of the Digital and Innovation Campus Thurgau (DICT) and is one of four research institutes supported by the Thurgau Foundation for Science and Research (TSWF). At TIDIT, we work on current topics of applied basic research in the field of computer science, in particular data systems and probabilistic artificial intelligence. In this way, we actively contribute to the digital transformation in the Canton of Thurgau and Eastern Switzerland. As an affiliated institute, TIDIT closely cooperates with both the University of Konstanz and the HTWG Konstanz in nearby Germany.

At the forefront of digital transformation, the **Data Systems Research Group** advances the state of the art in data management and processing technologies. The group's mission is to deliver world-class research results that have been demonstrated to be useful in real-world applications. To lead the Data Systems Research group, we are looking for a **Junior Research Group Leader** with
- a PhD in computer science or related field,
- a proven track-record in data systems (VLDB, SIGMOD, etc.), and
- an openness to conduct project-based, applied research.

Research topics of interest include (but are not limited to)
- Data Acquisition and Gathering
  - data integration, information extraction
  - data quality, data provenance
  - crowd-sourced and collaborative gathering
- Data Storage and Processing
  - cloud-based data management
  - storage, indexing, physical database design
  - query languages, query processing, optimization
- Data Management and Protection
  - security, privacy, access control
  - self-verifying data, trust
  - responsible data management, data fairness

**Die Thurgauische Stiftung für
Wissenschaft und Forschung
ist Trägerin von folgenden An-Instituten
an den Konstanzer Hochschulen**

**BITG** – Institut für Zelluläre Biologie und Immunologie Thurgau – bitg.ch
**TWI** – Thurgauer Wirtschaftsinstitut – twi-kreuzlingen.ch
**WITG** – Institut für Werkstoffsystemtechnik Thurgau – witg.ch
**TIDIT** – Thurgauer Institut für Digitale Transformation – tidit.ch

**1** | 2

We offer
- a competitive Swiss salary,
- two fully funded PhD researcher positions per junior research group,
- the possibility to affiliate with the University of Konstanz or HTWG Konstanz,
- support to apply for third-party funding and performance-based rewards, and
- quality of life in the international Lake Constance region.

Questions about the position may be directed to michael.grossniklaus@tidit.ch.

We look forward to receiving your application with the usual documents (curriculum vitae, research statement as well as a list of publications, awards, courses taught, and funded projects including funding amounts) by 01 December 2024 to info@tidit.ch.