The Faculty of Computer Science, Institute of Artificial Intelligence and the Fraunhofer Institute for Intelligent Analysis and Information Systems (IAIS) are seeking to fill at the earliest possible date the position of a

Chair (W3) of Intelligent Information Systems

combined with the position of

the Head of the Fraunhofer IAIS branch in Dresden

in a joint appointment procedure.

At the institute's location in Dresden, the Fraunhofer Institute for Intelligent Analysis and Information Systems (IAIS) works closely with established research facilities in the field of production technology on new systems of human-machine interaction and develops dialog systems for various fields of application. The Joint Center for Explainable and Efficient AI Technologies CEE-AI with the TU Dresden, the IAIS and other Fraunhofer institutes also bundle the KI competences of the Dresden region and closely interlink them with the industry in order to ensure rapid technology transfer in companies.

The future holder of this position is expected to fulfil teaching duties of 2 to 4 SWS (weekly lecturing hours per semester) in the study programs of the Faculty of Computer Science. The skills for conducting lectures in the English and German language are required. The duties include participation in academic self administration.

This position requires a person with an excellent record of academic achievements in several of the following focus areas:

- Data analysis of structured data
- Knowledge graphs, including Wikidata and DBpedia
- Semantic Web and Linked Data
- Machine Learning in the area of knowledge modelling and data analysis
- Application fields of structured data, e.g., in the area of geo-spatial modelling

Excellent international publications, an outstanding publication performance, and collaboration with industry are of particular importance. Perennial experience in heading large research groups, competencies in successful application for third-party funds, and experience in heading and conducting collaborative research projects are necessary prerequisites. Applicants must fulfill the employment qualification requirements of § 58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (SächsHSFG). A habilitation or equivalent qualifications are required.

For further scientific questions, please contact the head of the appointment committee, Prof. Wolfgang E. Nagel (Tel. +49 351 463-38246 or -35450; Email: wolfgang.nagel@tu-dresden.de).
TU Dresden and Fraunhofer IAIS seek to employ more female professors. Hence, we particularly encourage women to apply. Applications from candidates with disabilities or those requiring additional support are very welcome. The University is a certified family-friendly university and offers a Dual Career Service. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty of Computer Science (Dr.-Ing. Iris Braun, +49 351 463-38063) or the Representative of Employees with Disabilities (Mr Roberto Lemmrich, +49 351 463-33175).

Please send your application together with a tabular resume, a comprehensive account of your scientific career, a list of publications, a catalogue of your teaching activities and third party funds, a teaching evaluation (if available), and a certified copy of your highest academic degree as well as your concept for teaching and research as hard copy until **06.01.2020** (stamped arrival date of the university central mail service applies) to: TU Dresden, Dekan der Fakultät Informatik, Herrn Prof. Dr. rer. nat. Uwe Aßmann, Helmholtzstr. 10, 01069 Dresden and in electronic form (CD or via the TU Dresden SecureMail Portal [https://securemail.tu-dresden.de](https://securemail.tu-dresden.de) by sending it as a single pdf document to dekan.inf@tu-dresden.de). The applications will be made available to the board of the Fraunhofer IAIS.

**Reference to data protection:** Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: [https://tu-dresden.de/karriere/datenschutzhinweis](https://tu-dresden.de/karriere/datenschutzhinweis)