The Chair of Business Informatics, esp. Systems Engineering offers a position as Research Associate in the subject systems development, starting at the earliest possible date. The position is initially limited until 29th February 2020 with the possibility of extension. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). The position offers the chance to obtain further academic qualification (e.g. PhD).

Tasks: Contributions to funded research and development projects of the chair to develop innovative care solution based on recent eHealth-Technologies, in particular assisting in the EU-Project vCare (Virtual Coaching Activities for Rehabilitation in Elderly); conception, implementation and configuration of medical applications; collaboration in the management of an international research project; participation in scientific publications as well as in national and international conferences and giving presentations in German and English.

Requirements: good university degree (diploma, M.Sc.) in Business Informatics, (applied) Informatics, Health Informatics, Mathematics or Business and Economics with emphasis on Computer Science; independent working methods and willingness to teamwork; very good English skills; above-average analytical and conceptual abilities and knowledge in the following areas: analysis and design methods of system development; process modelling, process management, particularly with Business Process Model and Notation (BPMN); workflow management systems, workflow descriptions with BPEL or XPDL, and Workflow execution; object-oriented programming languages (primarily Java); software architectures, service-oriented architectures, software technologies (e.g. JEE); design and development of clinical pathways; design and modelling of software, particularly UML, Model Driven Development. Knowledge in the following areas is welcome: basic knowledge in data protection law; communication standards and Semantic standards in the field of healthcare (IHE, particularly ITI TF, HL7); agile software development methods; IoT-platforms (e.g. UniversAAL or FIWARE); experience in the realisation of complex IT-projects and in handling standard tools for collaborative software development; experience in health care; application systems in health care; basic knowledge of Medical Informatics.

Applications from women are particularly welcome. The same applies to people with disabilities.

Please send in your comprehensive application including all documents until 10.01.2018 (stamped arrival date of the university central mail service applies) preferably via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf document to werner.esswein@tu-dresden.de or by mail to: TU Dresden, Fakultät Wirtschaftswissenschaften, Professur für Wirtschaftsinformatik, insbesondere Systementwicklung, Herrn Prof. Dr. Esswein, 01062 Dresden. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.