

HSRT/HHZ: teaching and research center

The Herman Hollerith Zentrum (HHZ) is a teaching and research center, which brings together the scientific achievements of the colleagues of the Faculty of Computer Science at Reutlingen University. Together with the University of Stuttgart and other partners from science and business relevant topics in the field of "Business informatics" are dealt with in research and teaching. The HHZ's profile as a graduate school includes teaching programs for the Master of Science and as a Research Center the coordinating research organization for cooperative research projects. The focus is on the advancement of cooperative doctoral studies for outstanding graduates of the Master's programs.

HHZ picks up important innovation and research topics like DIGITRANS, linking them with key perspectives of current research: digital business & digital transformation, enterprise and software architectures for services & cloud computing, semantic support, management Business processes, performance management, big data & analytics, telematics & Internet of Things as well as concepts for the support of transformation projects for the strategically oriented digital business and related information systems. The HHZ is explicitly pursuing an interdisciplinary approach and a connection to business and IT.

Through specific arrangements the students, doctorates and professors are involved in exchange programs with national and international partners: cooperative doctoral colloquia, summer and winter schools with partners, Sabbaticals at research partners, cooperative publications, workshops and conferences, the HHZ annual conference, Working groups of the GI, ACM, IEEE and other scientific organizations, as well as project co-operation with scientific and industrial partners in the context of joint research programs. Furthermore, the members of the Research Center organize national and international conferences and workshops, which actively contribute to the scientific discussion with other researchers and experts.

In its capacity as a role model of DIGITRANS regional incubators HSRT is highly involved in implementing the DIGITRANS innovation method through workshops which enable SMEs to innovate their traditional business models.

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