Lehrstuhl Informatik 5 offers a diploma/master thesis in scope of our collaborative research center SFB/FK 427 "Media and cultural Communication" and research in Fraunhofer FIT's "BIKA Web Compliance Center" on

**Analysis of Success Factors in Chat-Communities of Aphasics**

This thesis deals with the analysis of the user interface and chat-conversations within our SOCRATES system. The aim of this study is the discovery of success factors, which make the participation in a rehabilitation project for patients suffering from aphasia successful and the improvement of SOCRATES system following the recent developments in the design of Web 2.0 applications. The previously recorded conversations have to be analyzed by statistical and/or linguistical means in order to derive those factors that are crucial for a successful participation in SOCRATES. The user interface will be evaluated according to W3C WCAG guidelines. Service-oriented architecture and web toolkits such as Dojo, GWT or Prototype will be the basis of the improvements in SOCRATES system.

Applicants should be open for interdisciplinary work. They should have experiences in databases, XML, and JAVA. Applicants should be good team players, since the implementation should be done in co-operation with ongoing PhD studies. Knowledge in German language is advantageous, but not mandatory.

Lehrstuhl Informatik 5 offers within the collaborative research center and Fraunhofer FIT a congenial, attractive, and interdisciplinary working environment in Aachen, Cologne, and Bonn (St. Augustin). Applicants should be open-minded to cooperate with colleagues from the cultural sciences and willing to participate in colloquia in Aachen and Cologne, and Bonn (St. Augustin).

For further information or submission of your application please contact:

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