![KIT – Karlsruhe Institute of Technology]

Looking for …

**… visible impact,
a possibility to publish and
a final thesis?**

Query Processing Techniques
for a more Semantic Faceted Search

Information Workbench

Information Workbench
Faceted Search Interface
http://iwb.fluidops.com

→ **Background**

Faceted search is an well-known user interaction paradigm, providing intuitive means for constructing **very expressive queries.** However current faceted search approaches are limited in terms of their facet model and query processing techniques.

→ **Goal**

Goal is to extend the **Information Workbench** to support novel query processing techniques on structured and unstructured data. However, note, the Information Workbench is currently developed together with **Fluid Operations** and used by their customers. Thus, this thesis would have a clear impact and an implementation could be used by major industry partners.

→ **Requirements**

Basic knowledge of semantic and database technologies as well as strong Java programming skills are required.

Andreas Wagner
a.wagner@kit.edu
Institute AIFB