


# Chemnitz Retrieval Group: Xtrieval Framework

Jens Kürsten, Thomas Wilhelm, Maximilian Eibl

sachsMEDIA 

 CHEMNITZ UNIVERSITY OF TECHNOLOGY

INNOPROFILE  
UNTERNEHMEN  
REGION  
Die BMBF Innovationsinitiative  
Neue Länder

 Federal Ministry  
of Education  
and Research



- **common language processing tools**
  - Snowball stemmer, stopwords, translation API's
- **open source/scientific IR cores**
  - Lucene, Lemur, Terrier
- **data fusion models**
  - CmbSUM, Z-Score,...
- **evaluation component**
  - import/export of TReC formats
- **graphical user interface**
  - simple experiment configuration, illustrated evaluation

- user-centered evaluation
- self-adapted tuning of parameters
- multimodal retrieval (content-based, audiovisual)
- ...
- come to see our demo
- ... and discuss your ideas