Topics in Multimedia Research

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LIACS Media Research Group

We are interested in the frontiers of multimedia research, technology which will often be commonplace 2-5 years in the future.

Faculty
(about 10 fulltime members in total)

- *Dr. Erwin M. Bakker, erwin@liacs.nl*
  - *http://www.liacs.nl/~erwin/*
  - Audio/Speech search and modeling
  - BioInformatics

- *Dr. Michael Lew, mlew@liacs.nl*
  - *http://www.liacs.nl/~mlew/*
  - Machine learning
  - Graphics & Multimedia Information Retrieval

Some Project Topics

- *Topics*

  - *Social Computing and Recommendation Systems*

  - *Searching large image/video collections*

Image Search

- Research Problem & Questions:
  - Most image search are 2D:

Image Search

- Research Problem & Questions:
  - Starting Point: Use Google Image Search to find the initial results

  - Download and re-rank the results based on

    - image similarity

    - user preferences

    - prior feedback from user

Image Search in 3D

What about 3D interfaces?

Concluding Remarks

The project descriptions are only *starting points.*

The research question/goal and approaches will evolve with discussion.

If these subjects are interesting to you, please email me for a chat about what you would like to do.