
TRECVID-2005: BBC Rushes Pilot Task

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Agenda / Schedule - 14.20 to 16.00

- Overview (me)
- DCU (me again!)
- Accenture / Siderian Software
- University of Amsterdam

- Quick updates from ...
 - n IBM Research
 - n University of Central Florida
- City University of Hong Kong ... stuck in Dulles

Search Task Definition

- TRECVID video has been entirely structured and post-produced in nature ... news, NASA videos, etc. ... with much metadata available;
- This has allowed reverse-engineering of the production process, e.g. story segmentation in TV News to support search;
- As often, the material to be searched is unstructured, raw, unprocessed, and with little or no metadata;
- Examples are personal (home) video, CCTV, and rushes;
- This year's BBC Rushes pilot task was a first venture into this kind of data to explore what was possible;
- Six groups took part;

BBC Rushes

- Rushes are raw video material directly as shot by camera with 40x more material than is used;
- Rushes characteristics:
 - n Natural sound only;
 - n Actors not always present, no dialogue;
 - n Much repeated material such as re-takes;
 - n Long sequences with nothing happening;
- Essentially, it contains stock footage, but much is re-usable and potentially very valuable, though only the original production teams know the content;
- Indexed only by program, name, date, dept.

BBC Rushes

- BBC Archive have kindly provided 50 hours in MPEG-1 format, shot for a travel program, plus some limited metadata and keyframes;
- What does it look like ?

QuickTime™ and a
YUV420 codec decompressor
are needed to see this picture.

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Sample BBC Rushes Video Files

Participating Groups

- Accenture Technology Labs / Siderean Software, Inc.
- City University of Hong Kong
- Dublin City University
- IBM Research
- University of Central Florida
- University of Amsterdam