

Multimedia Information Retrieval at IDIAP Research Institute

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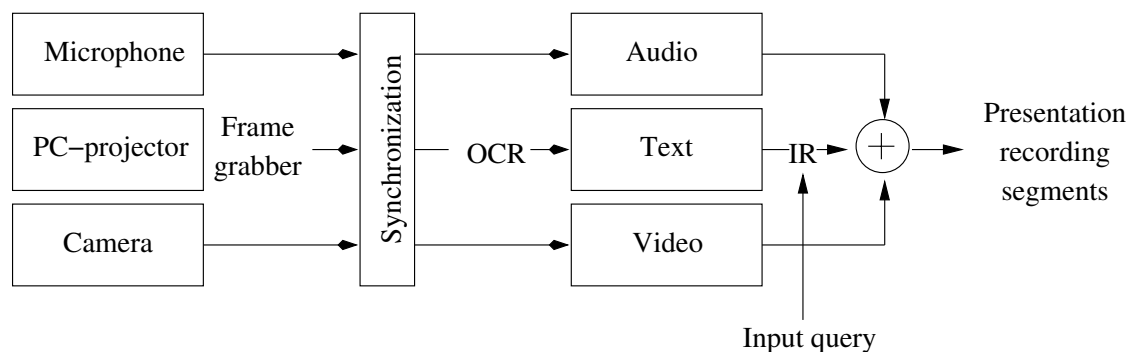
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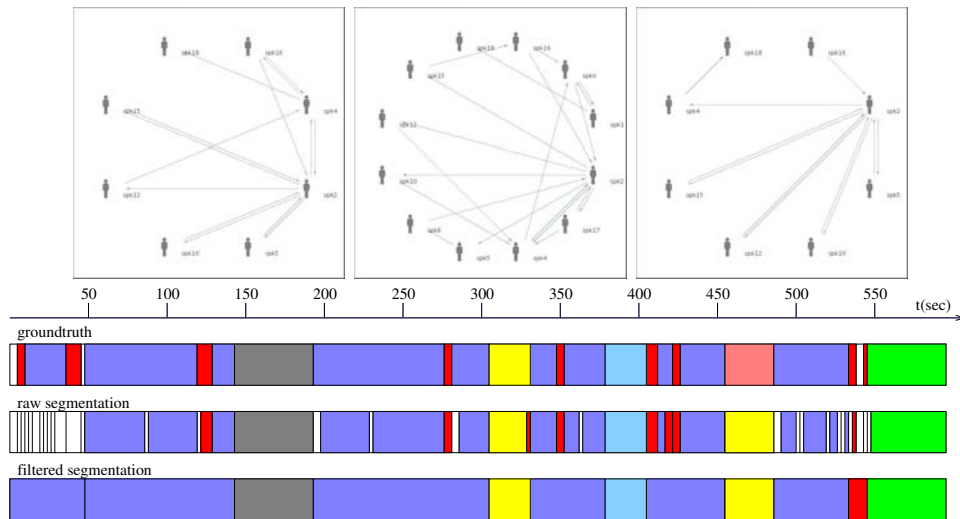
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Indexing Oral Presentations



- Although concise, slides contain the core information delivered in a speech as well as fundamental facts and figures.
- Automatic synchronization between different streams of information, it is possible to index one stream to retrieve others.
- The PC-projector channel is not affected by any kind of environmental noise. The signal remains in the machines and it is very clean.
- Demonstration system and data can be found at the site mmm.idiap.ch.

Sociometry Based Media Analysis



- Social Network Analysis is the sociological domain studying the way people interact in specific social environments. Interaction can be detected in multimedia recordings through audio-visual analysis.
- The assignment of a role to different actors appearing in a recording can be useful in many applications based on content analysis: browsing, indexing and retrieval, summarization, etc.