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Journée des doctorants du LIMSI

PhD thesis :
“Enrichissement automatique des scripts de séries TV et films”

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Introduction



« Enrichissement automatique des scripts de séries TV et films »

Problematic :

- Speaker **A** : 'Nice to meet you, I am **Leonard**, and this is **Sheldon**. We live across the hall.'
- Speaker **B** : 'Oh. Hi. I'm **Penny**.'
- Speaker **A** : '**Sheldon**, what the hell are you doing?'
- Speaker **C** : 'I am not quite sure yet. Do you know where **Howard** lives ?'

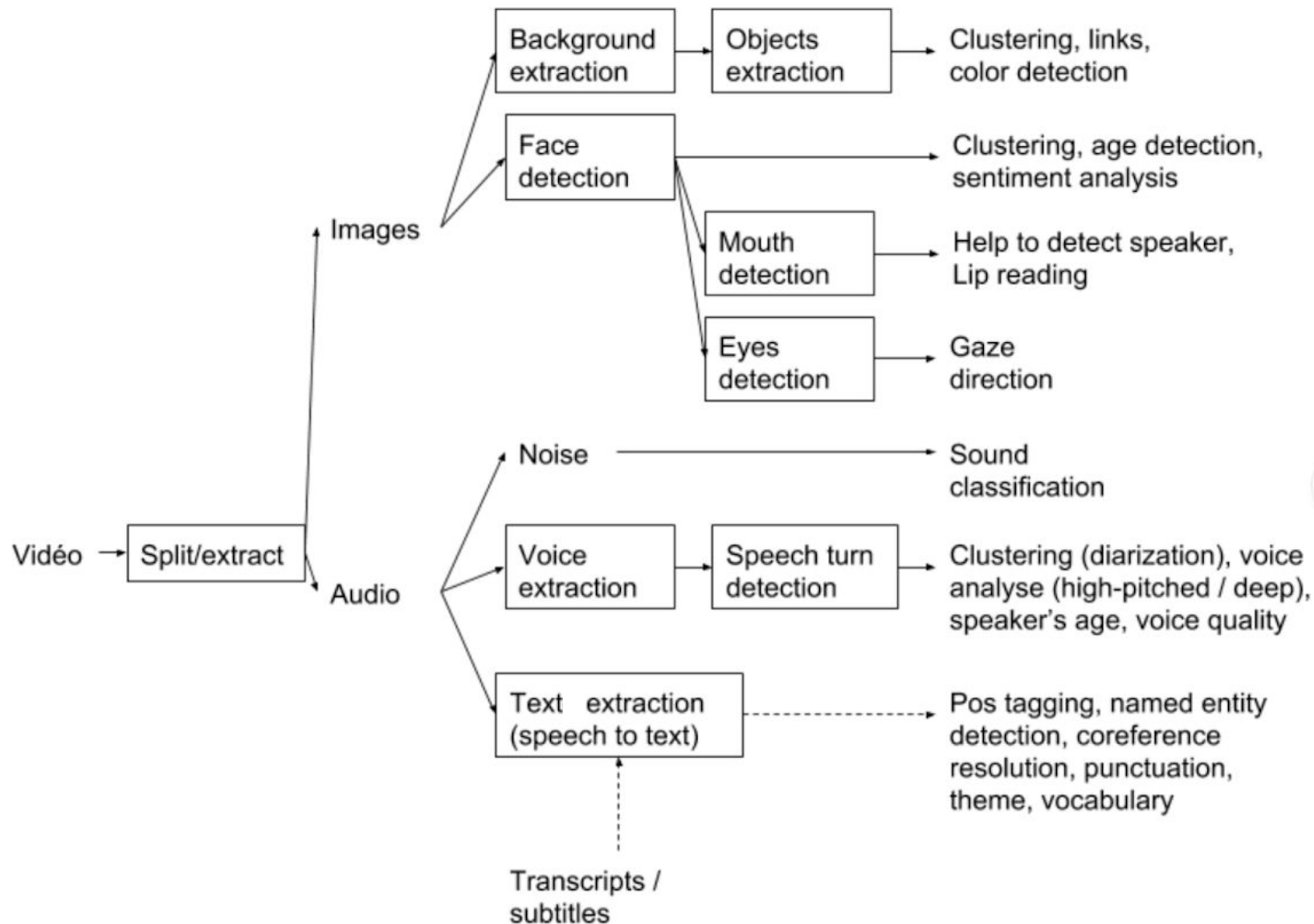
Thesis topic

« Enrichissement automatique des scripts de séries TV et films »

Goal :

- Exploit the multimodal flow : **audio**, **visual** and **text** informations (subtitles, automatic transcriptions) to improve the speaker diarization.

Useful tasks



Contributions

Multimodal approach :

- Creation of a multimedia corpus (movies, TV series) with multimodal annotations
- Talking face detection
- Textual speaker change detection



Questions ?

Thank you for your attention