Eurospeech, RESPITE & THISL

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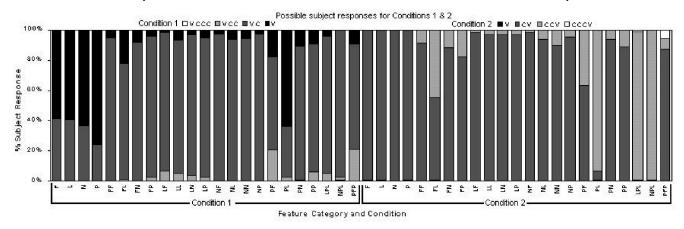
Outline

- 1 Eurospeech-99 (Budapest, 1999sep06-09)
- 2 RESPITE meeting (Les Marecottes, 1999sep13)
- 3 THISL meeting (Les Marecottes, 1999sep20)

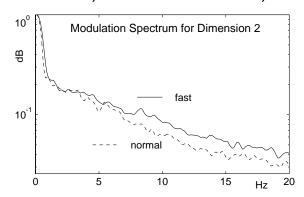
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Eurospeech-99

Where do humans hear syllable breaks?
 (Goslin, Content & Frauenfelder, S8P3.6)



Modspec correction for speaking rate
 (Paches-Leal, Rose & Nadeu, S1P1.8)

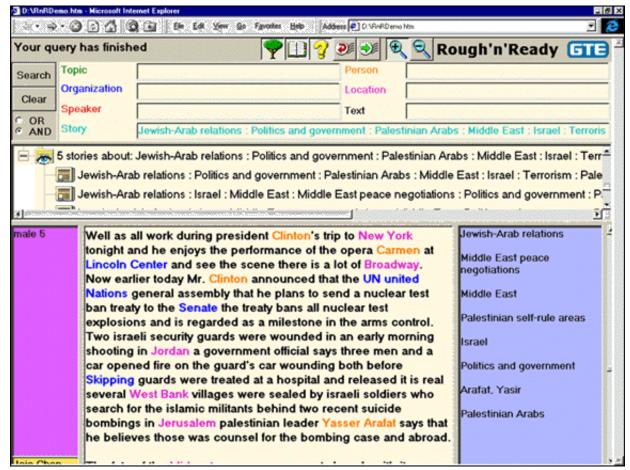




More Eurospeech

GTE "Rough'n'ready" SDR demo

(Liu & Kubala, S6.O1.2)



RESPITE meeting

RESPITE

- REcognition of Speech by Partial Information TEchniques
- first year of 3 year EU-funded project
- Sheffield (Green), FPMons, ICP Grenoble, IDIAP, DaimlerChrysler, Matra
- ICSI involvement: Multistream, AURORA, CASA
- also: missing data, integration, applications

Meeting

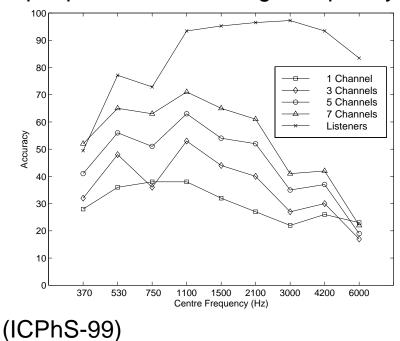
- beautiful Swiss chalet-hotel near IDIAP
- joint with SPHEAR, a European training network
- mostly research updates



RESPITE research highlights

Sheffield: Humans/computers for band-pass ASR

- people are better in high frequency



Sheffield: State-based imputation of missing data

- substitute max-likelihood value given obs, state

→decorrelation techniques (deltas, tiffing)

(Eurospeech-99)

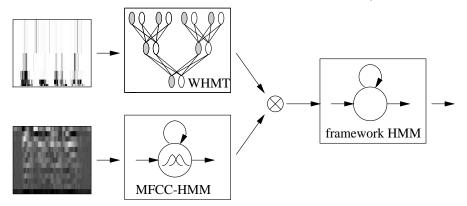
More RESPITE research

IDIAP: EM weights for multistream

- Full-combination = 16 different nets
- Static weights to maximise data likelihood
- likelihood formulation outliers delete selves?

IDIAP: HMMs for feature modeling

arbitrary 'hidden states' in wavelet tree nodes= Wavelet Hidden Markov Trees, WHMT



→data likelihood from HMM model

THISL meeting

THISL

- THematic Indexing of Spoken Language
- last year of 3 year EU project
- Sheffield (Renals), Softsound (Robinson), BBC, Mons, IDIAP, Thomson
- provide spoken-query interface to BBC news recorded archives

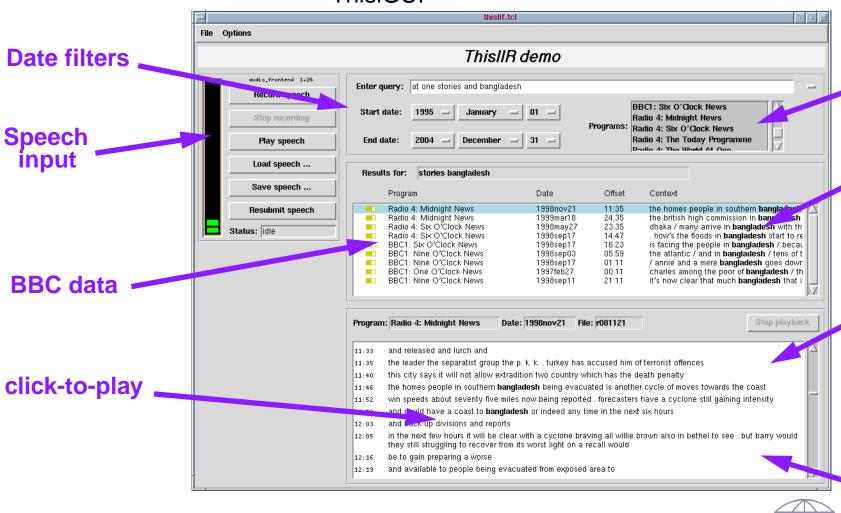
Meeting

- also at beautiful Swiss chalet, but foggy
- Mats Ljungqvist, new EU project officer, present
- mostly discussing details of final demo
- TREC8 submission
- exploitation/follow-on plans



ICSI work in THISL

- spoken query evaluation
- ThisIGUI



Program filter

Context summaries

Pauses & sentence breaks shown

Whole-show transcripts