Results and work–in–progress in Multi–Stream ASR

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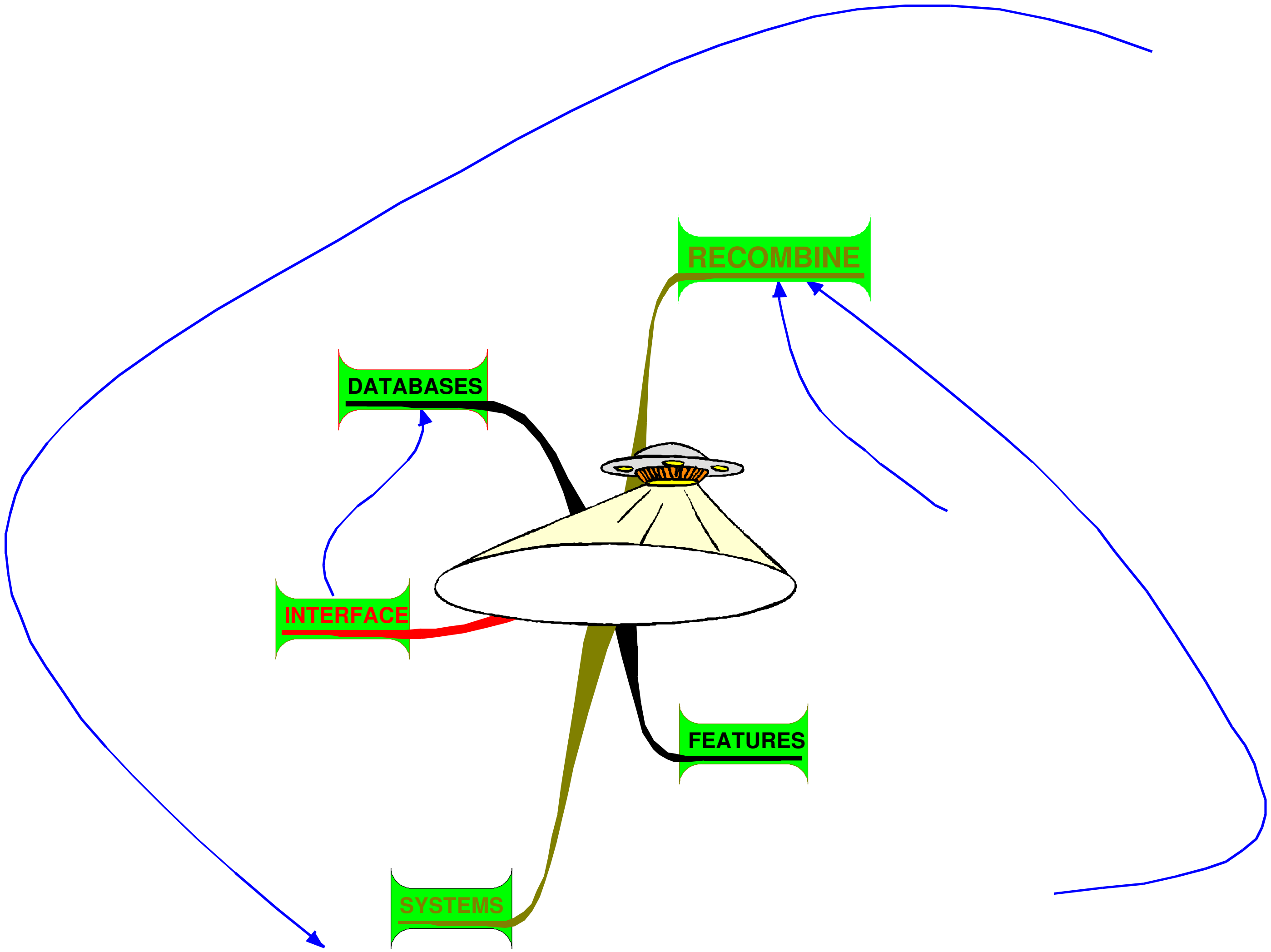
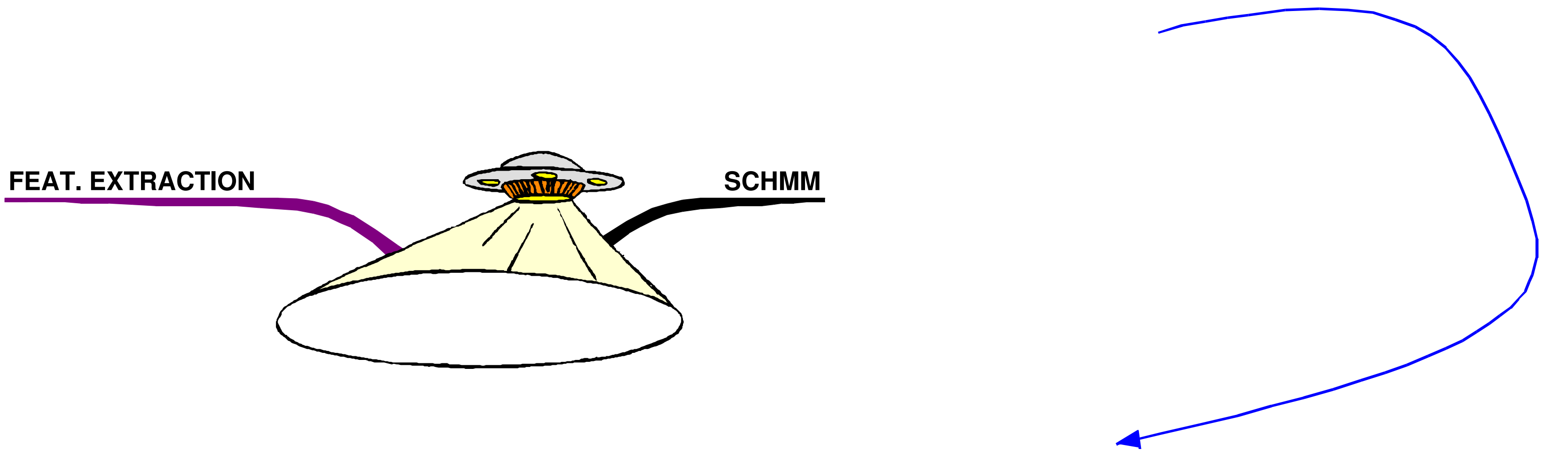
Overview of the work on Multi–Stream ASR



Baseline configuration of the DC ASR system



Tests on the AURORA−1999 database

- Train set : Multicondition training set (8440 files)
- Test set : [n1 n2 n3 n4] X [clean snr20 snr10 snr0] (16016 files)
- Results:

	0	10	20	clean	average
HTK baseline	39,3	7,11	2,33	1,44	12,6
DC baseline	31,2	7,9	2,5	1,8	10,9
DC MB FC 3sb	35	8,8	2,6	1,4	12
DC MB FC 2sb	32,4	8,3	2,5	1,3	11,13
DC norm. PLP	42,6	9,4	4,2	2,6	14,7
DC TANDEM					