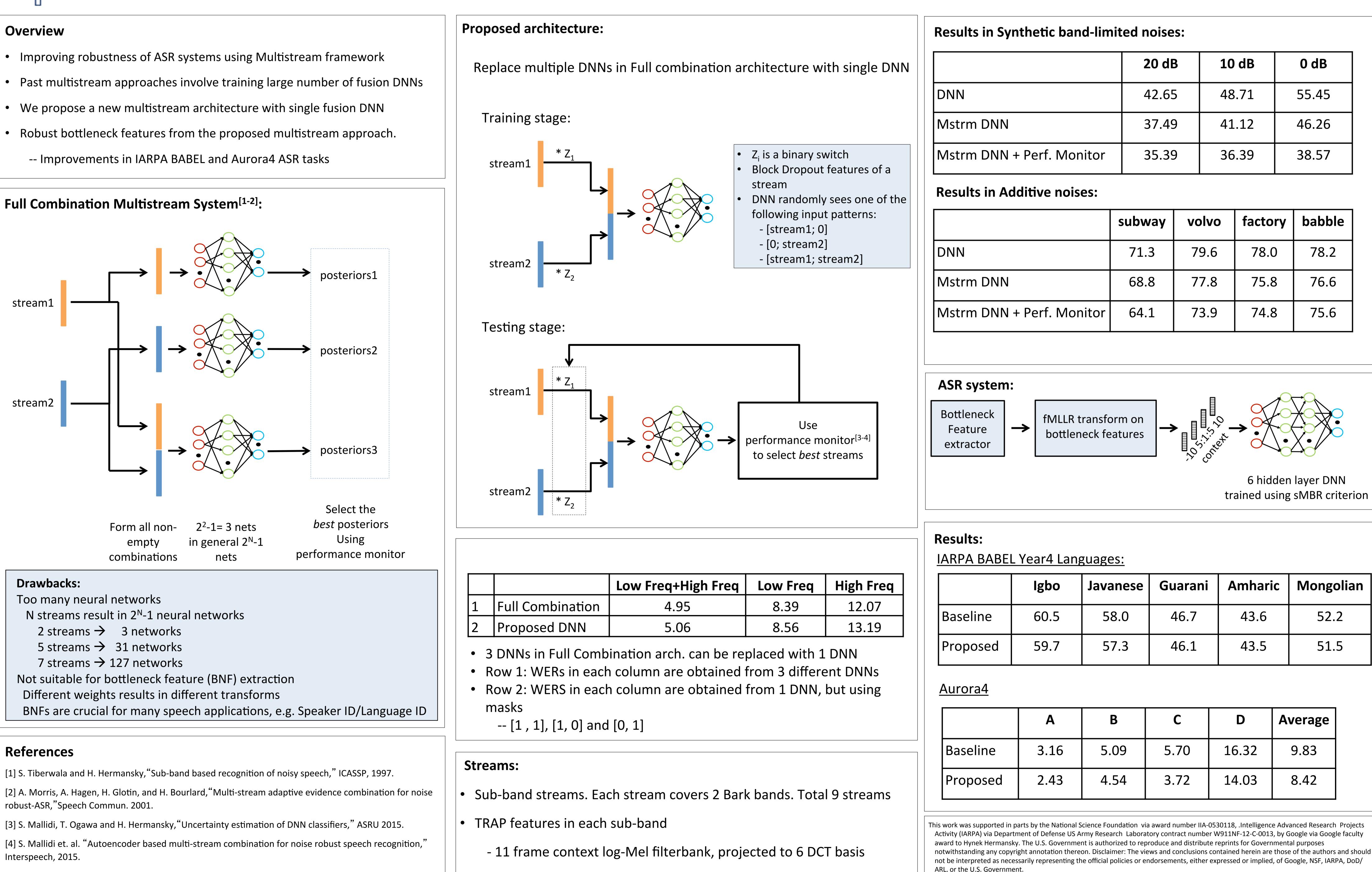


The Center For Language and Speech Processing

at the Johns Hopkins University



NOVEL NEURAL NETWORK BASED FUSION FOR MULTISTREAM ASR Sri Harish Mallidi, Hynek Hermansky

Johns Hopkins University, Baltimore, MD, USA



20 dB	10 dB	0 dB
42.65	48.71	55.45
37.49	41.12	46.26
35.39	36.39	38.57

subway	volvo	factory	babble
71.3	79.6	78.0	78.2
68.8	77.8	75.8	76.6
64.1	73.9	74.8	75.6

trained using sMBR criterion

anese	Guarani	Amharic	Mongolian
58.0	46.7	43.6	52.2
57.3	46.1	43.5	51.5

B	С	D	Average
5.09	5.70	16.32	9.83
1.54	3.72	14.03	8.42