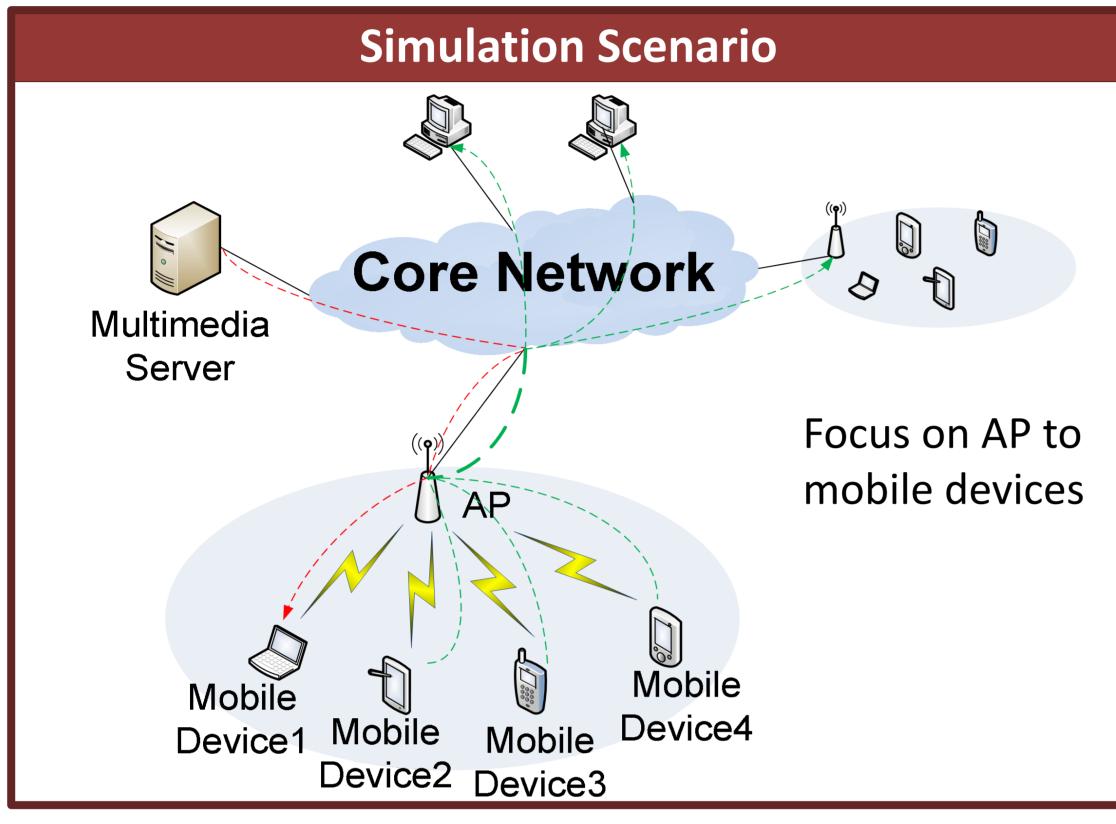
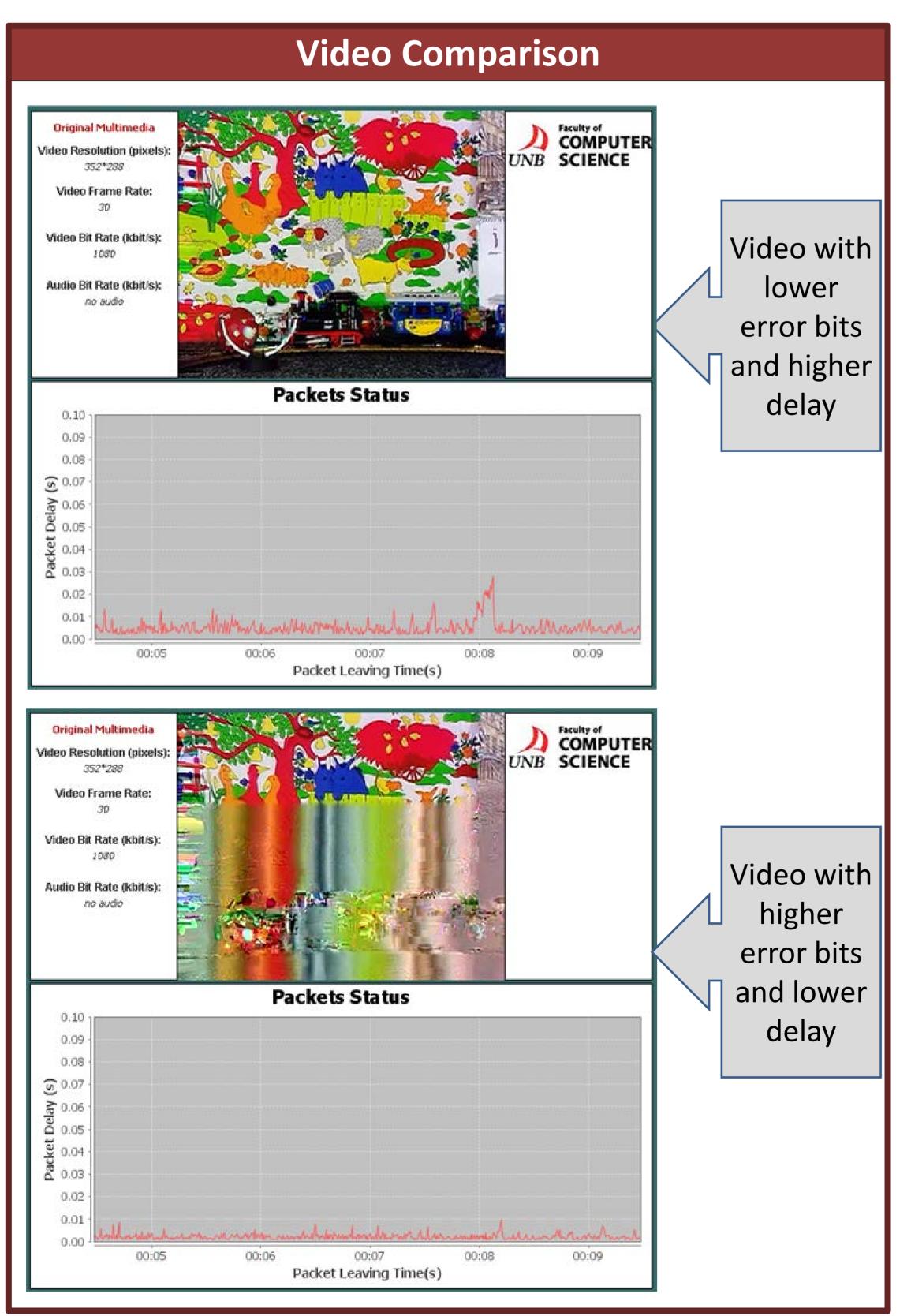
Simulator for Adaptive Multimedia Transmission over Wireless Networks

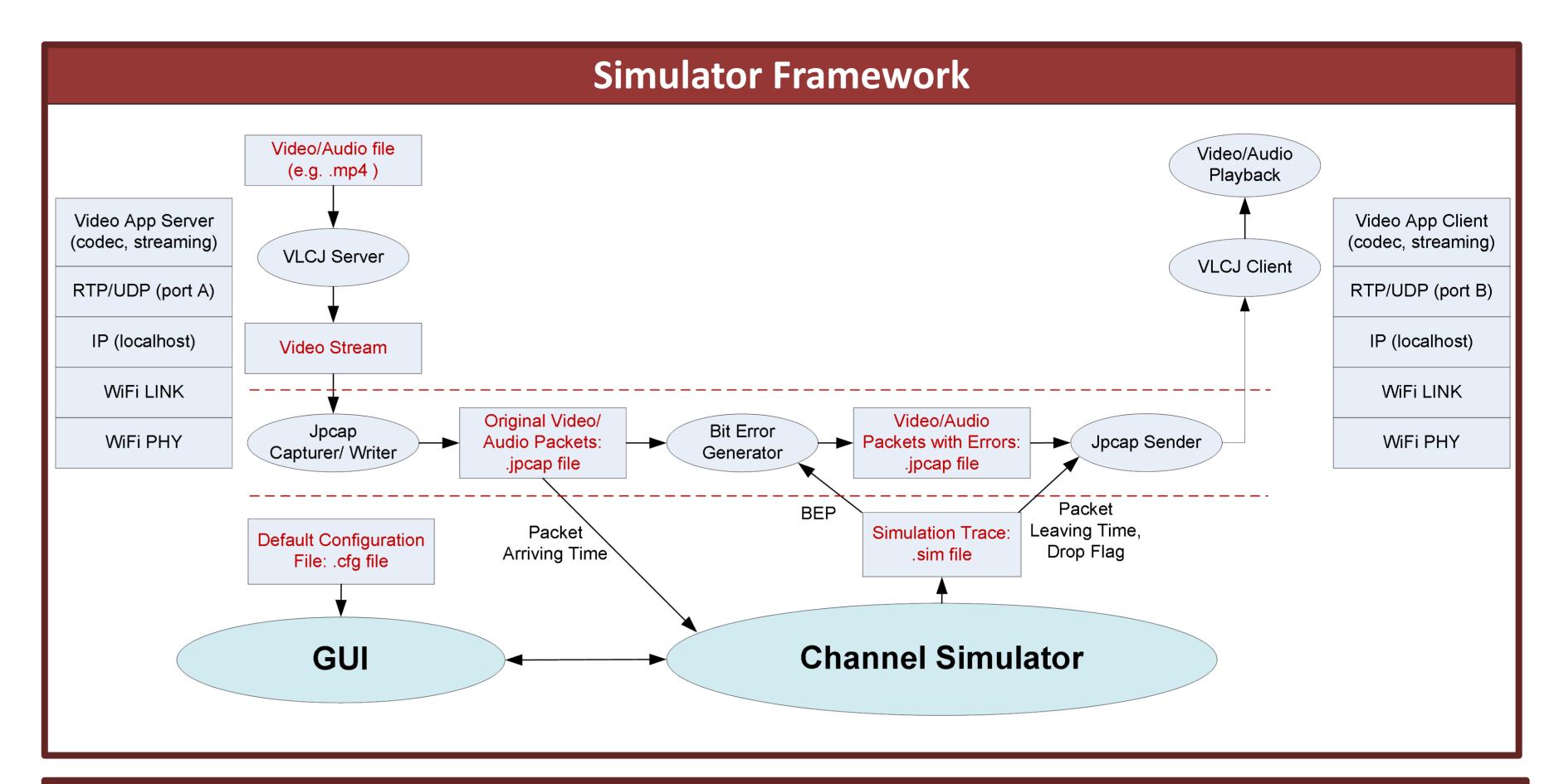
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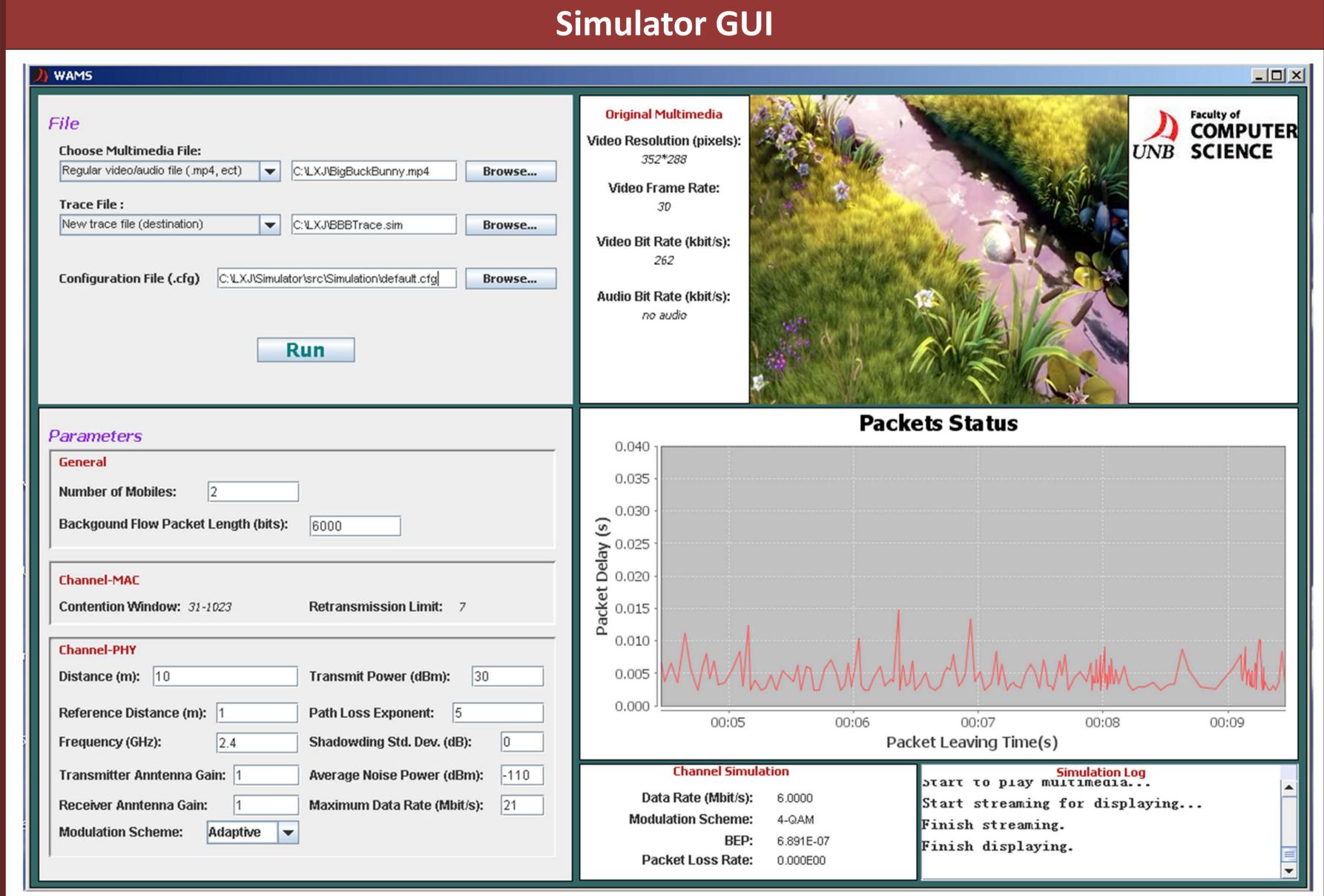
Motivation

Build a simulator which can illustrate visual/auditory effects of wireless transmission on streaming video and audio.









Statistical Analysis Results for Mean Opinion Score (MOS) (N=10)

	•					•	<i>,</i> .	•
Number of	BEP	Data Rate	N	MOS Statistical Validation				
Stations		(Mbit/s)	News	Bus	Mobile	Speech	Piano	BBC
5 / 10	1.7×10^{-10}	11	A	A	A	A	<	A
15 / 30	1.7×10^{-10}	11	A	<	<	<	<	<
30 / 50	1.7×10^{-10}	11	<	<	<	<	<	<
2 / 5	1.1×10^{-8}	11	<	A	A	A	A	A
2 / 5	1.3×10^{-5}	11	<	<	<	<	<	<
2 / 5	1.3×10^{-6}	11	<	<	<	A	A	<
15 / 30	9.5×10^{-7}	21	<	<	<	<	<	<
15 / 30	3.4×10^{-6}	3	<	<	<	<	<	<





