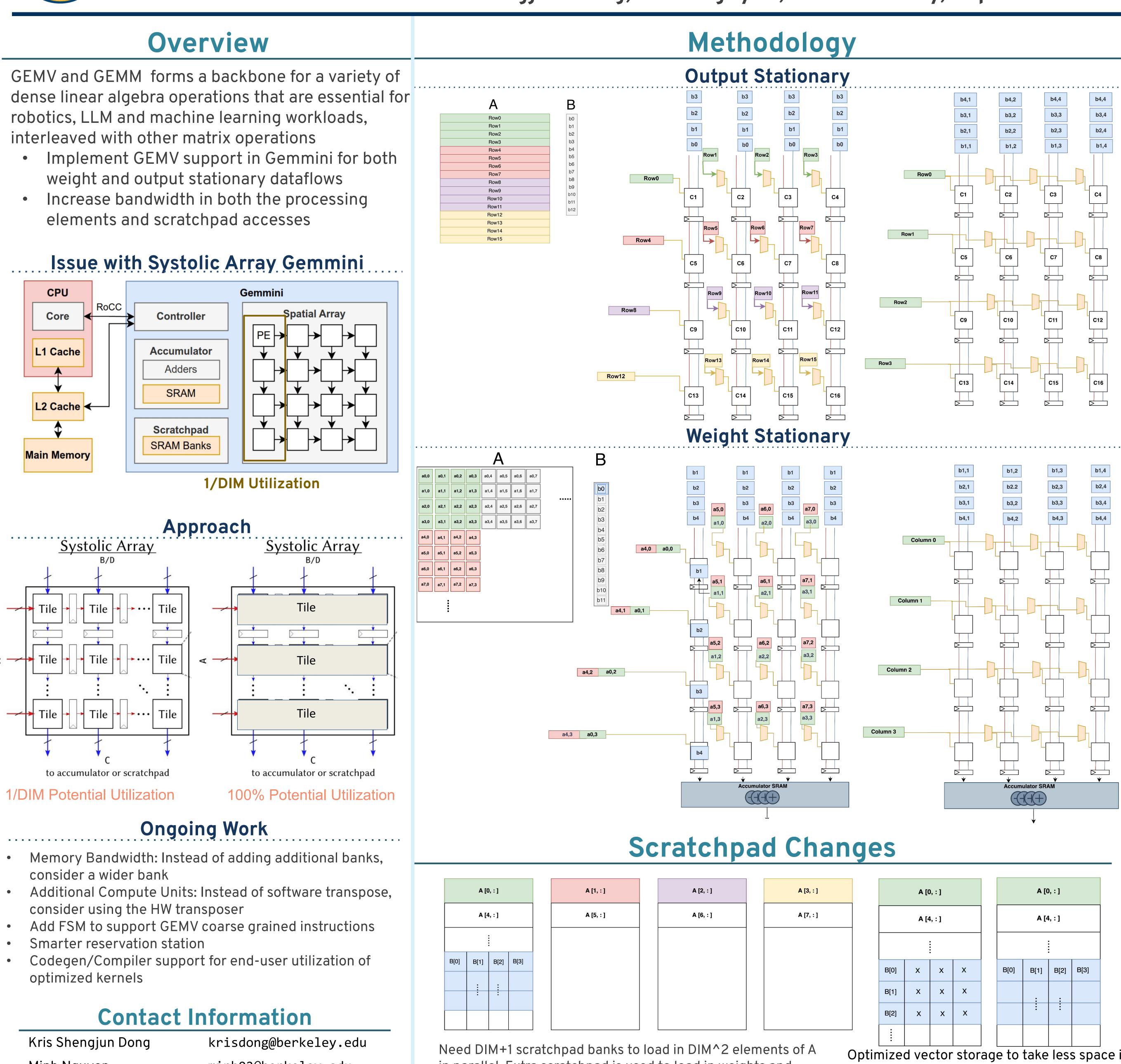
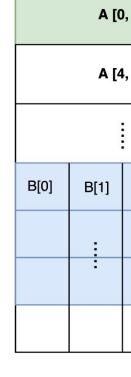


Enabling Configurable GEMV Support in Gemmini



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in parallel. Extra scratchpad is used to load in weights and biases in parallel with A.

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_		
[0, :]		
[4	l, :]	
1		
	•	
	B[2]	B[3]
	:	

A [7, :]		A [3, :]
		A [7, :]

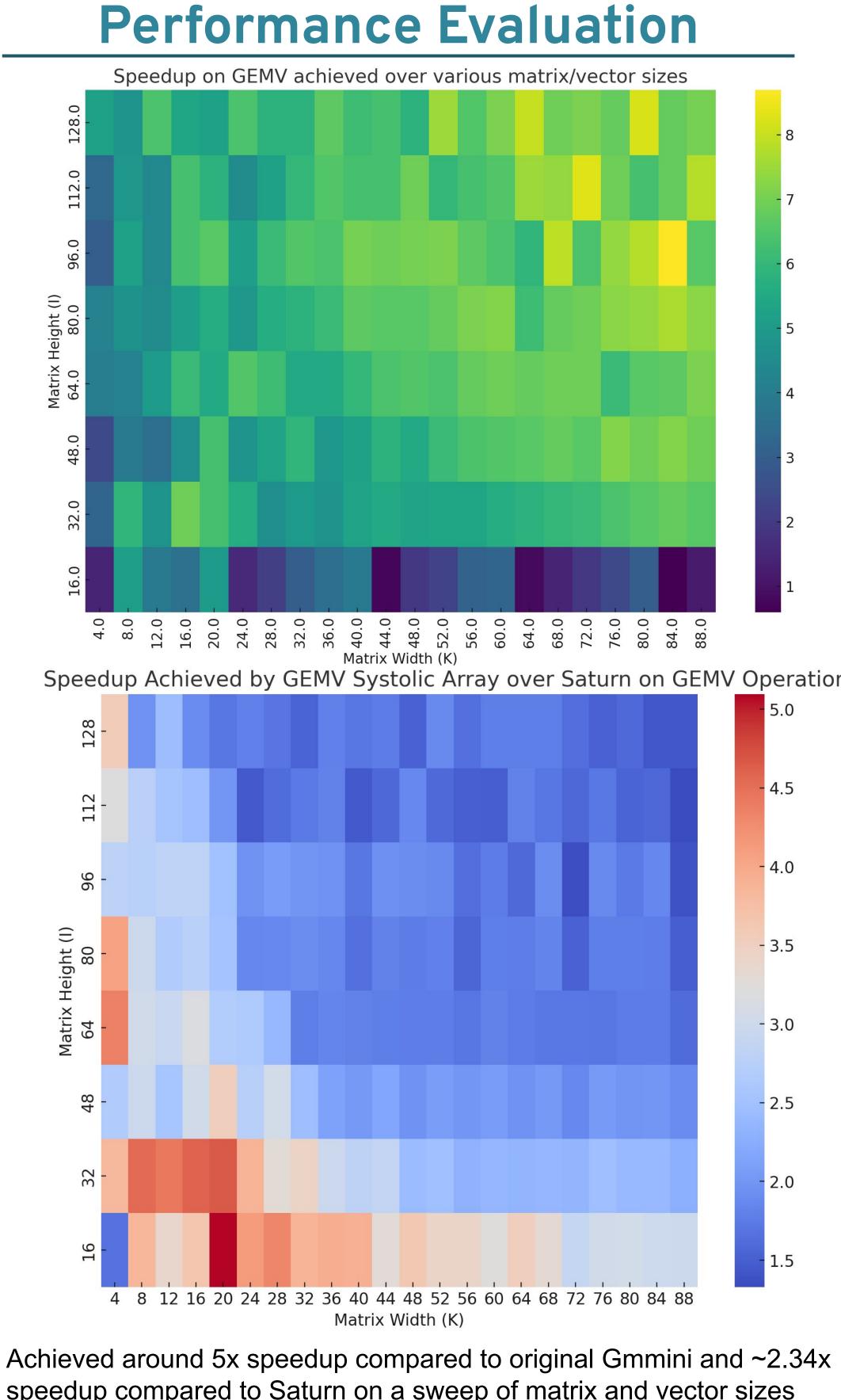
	A [0, :]						
	A [4, :]						
B[0]	х	х	х				
B[1]	х	х	х				
B[2]	х	х	х				

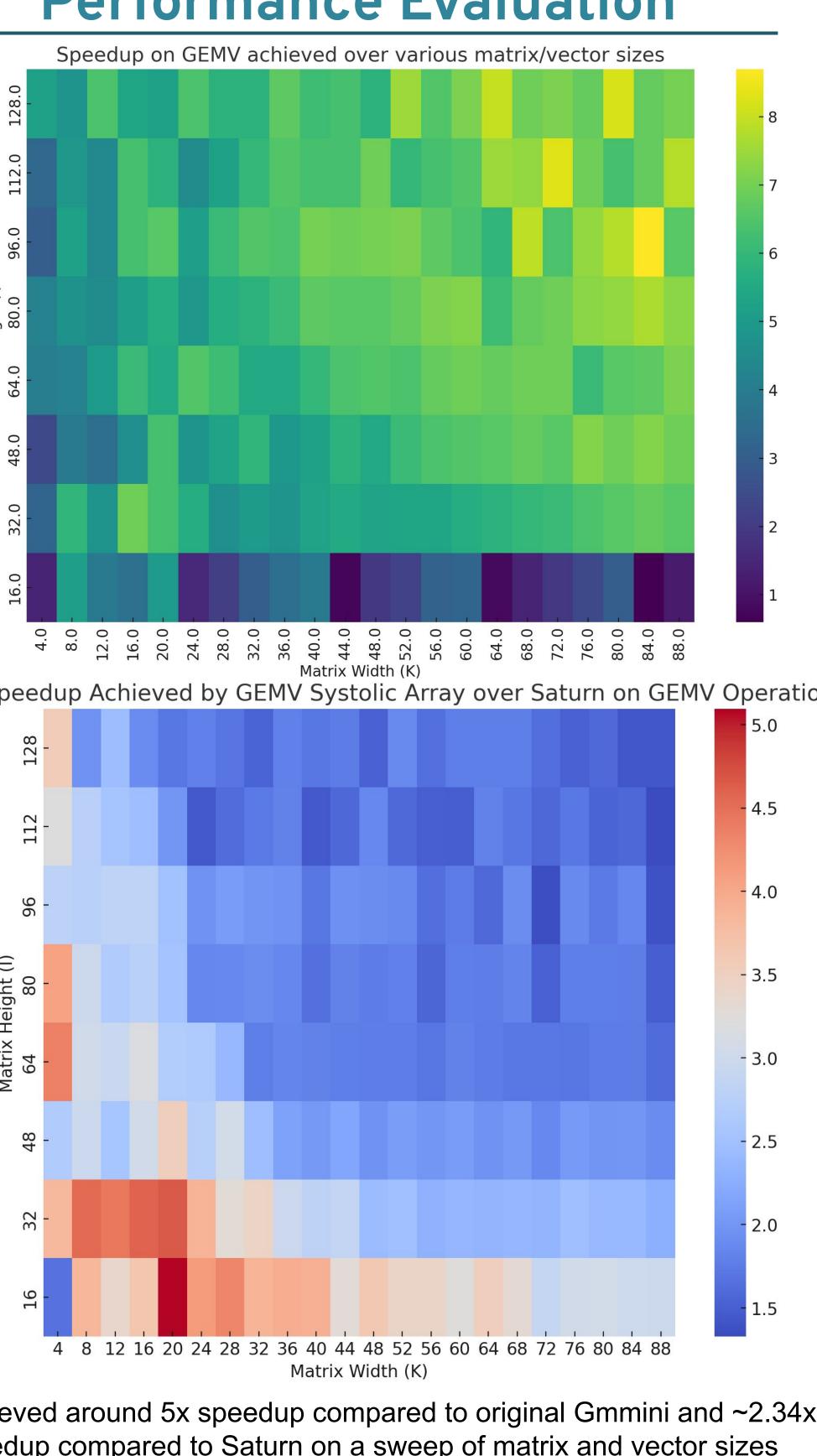
Optimized vector storage to take less space in scratchpad. Left is previous, right is current











speedup compared to Saturn on a sweep of matrix and vector sizes

Area Evaluation

