

CiMLoop: A Flexible, Accurate, and Fast Compute-In-Memory Modeling Tool

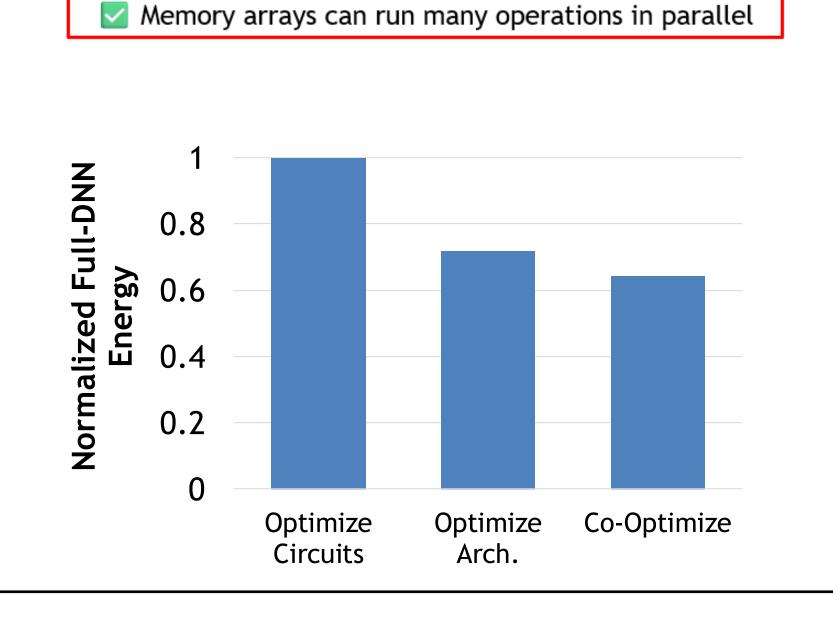
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Tutorials and examples



https://github.com/mit-emze/cimloop

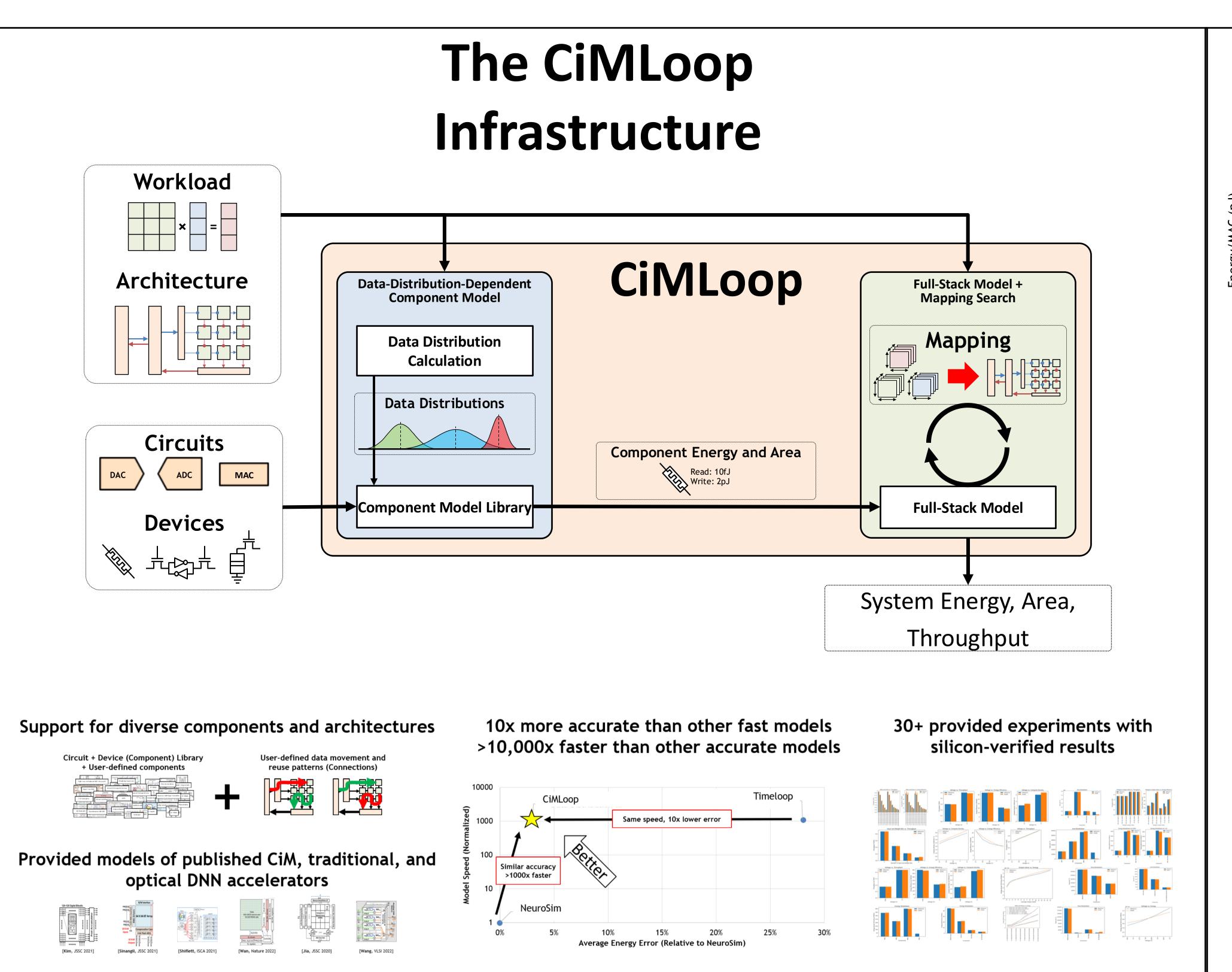
Compute-In-Memory (CiM) Deep Neural Network (DNN) Accelerators Inputs Weights Outputs 123 × ADG BEH CFI ABY

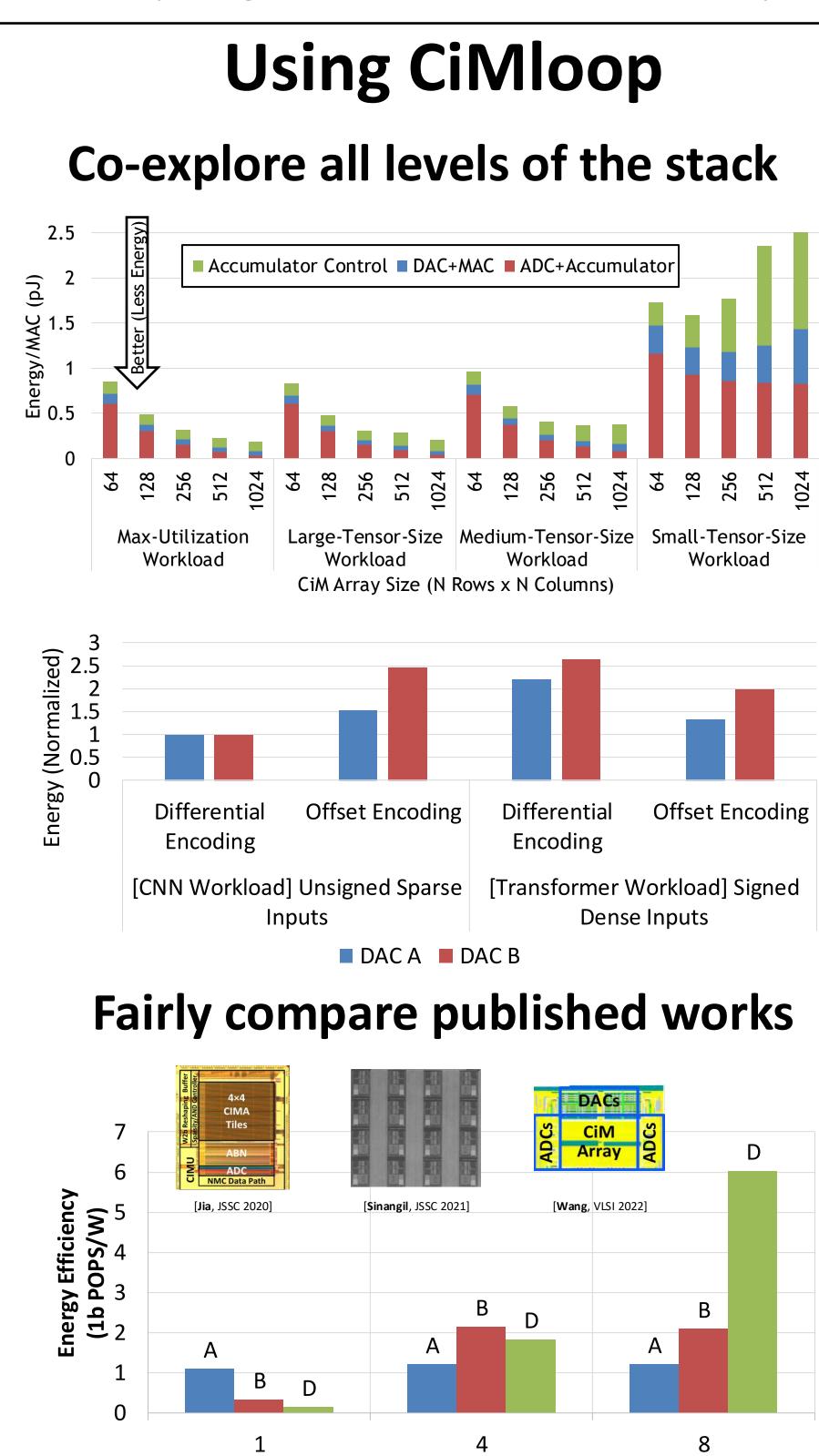


ADCs

✓ No energy spent moving DNN weights

α





of Input and Weight Bits