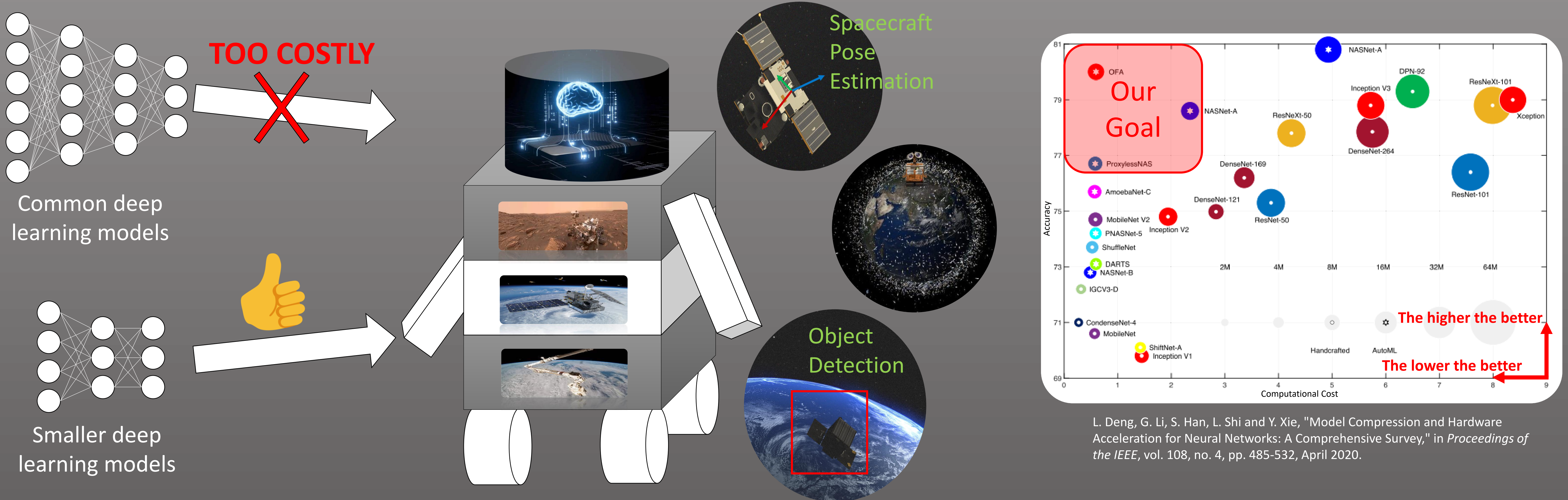


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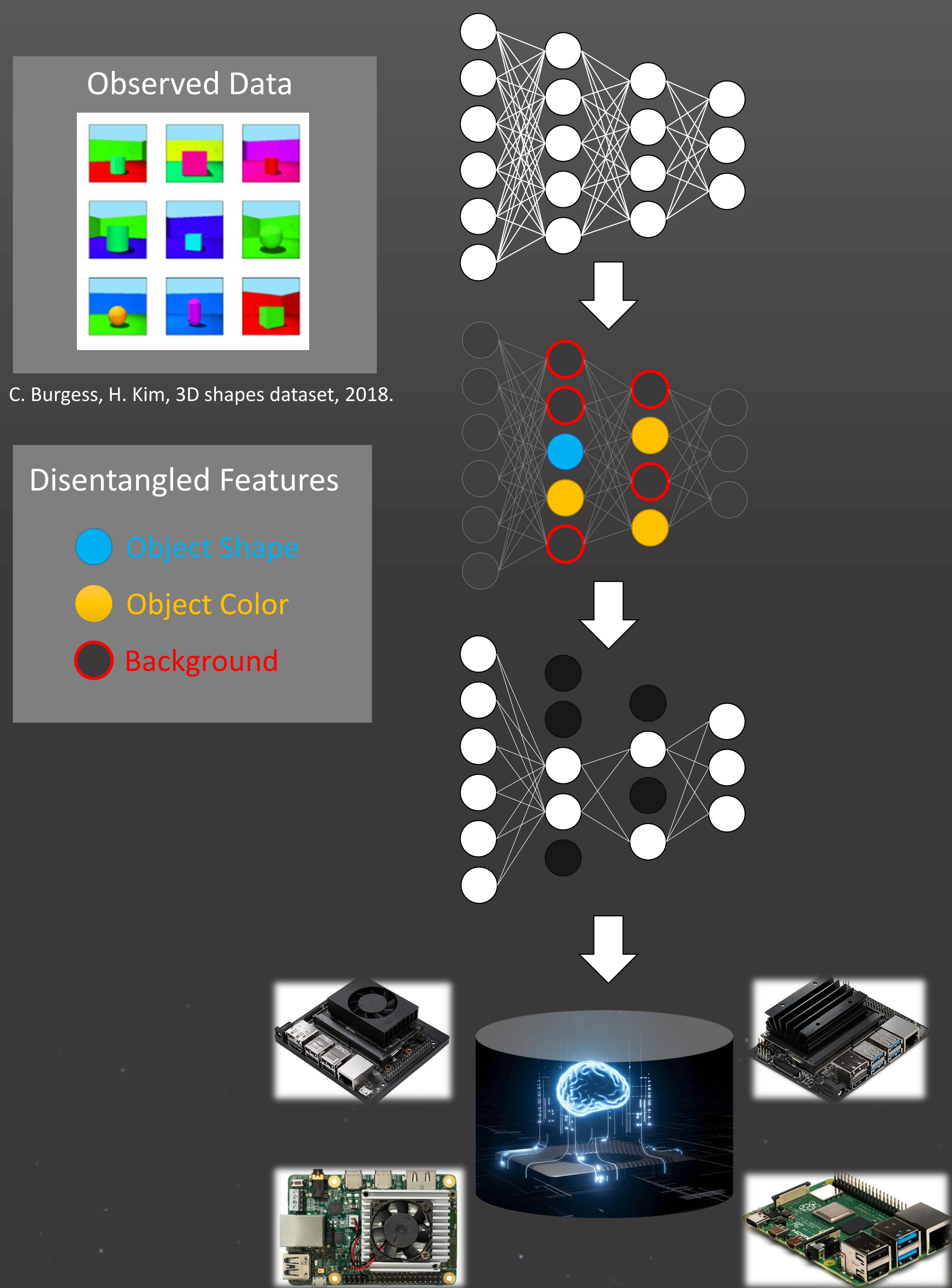
Summary: Efficient compression techniques are required to deploy deep neural networks (DNNs) on edge devices for space resource utilization tasks. Two approaches are investigated.

DNNs for Space Edge AI with Computational Constraints

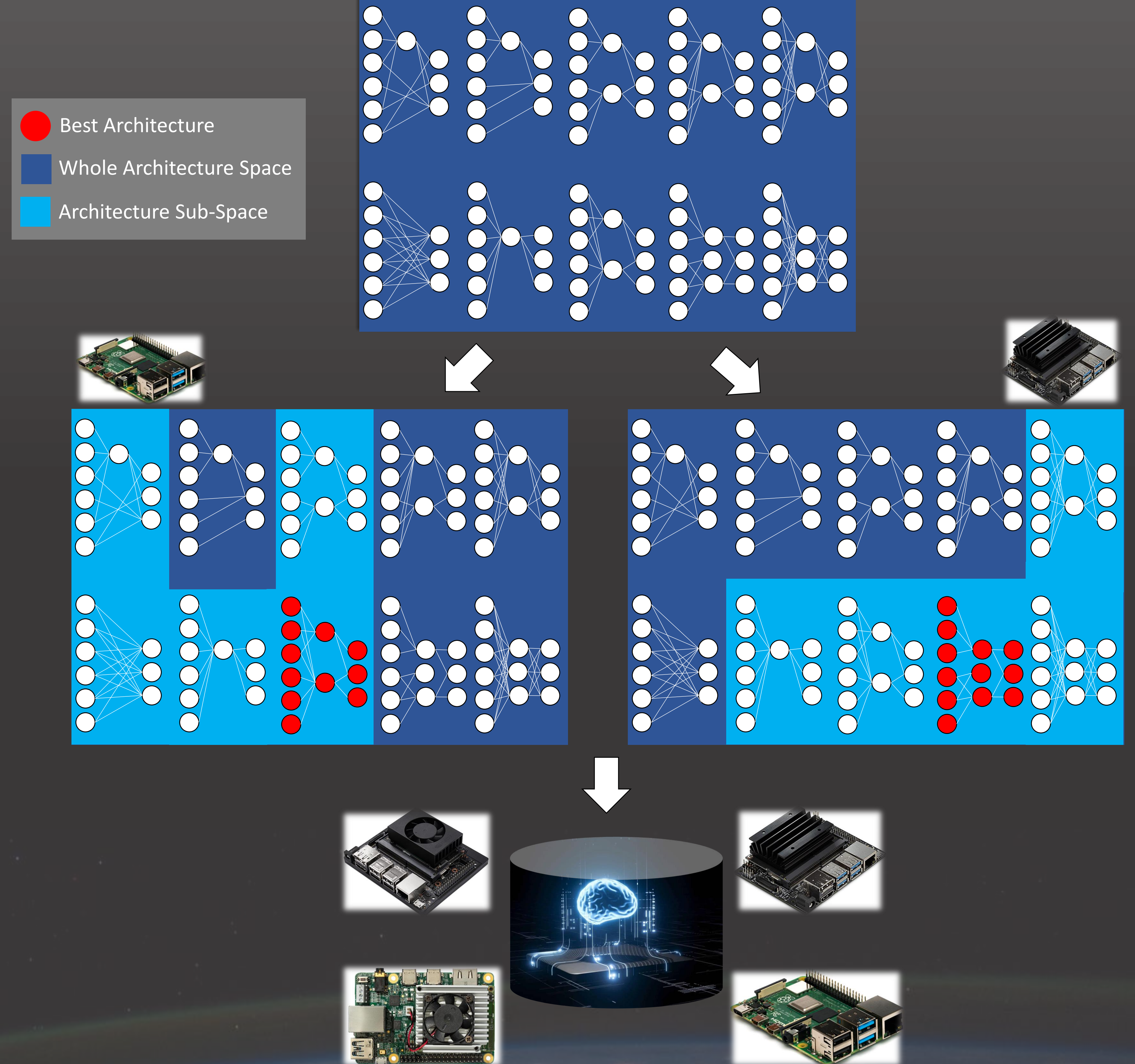


Efficient Compression Techniques

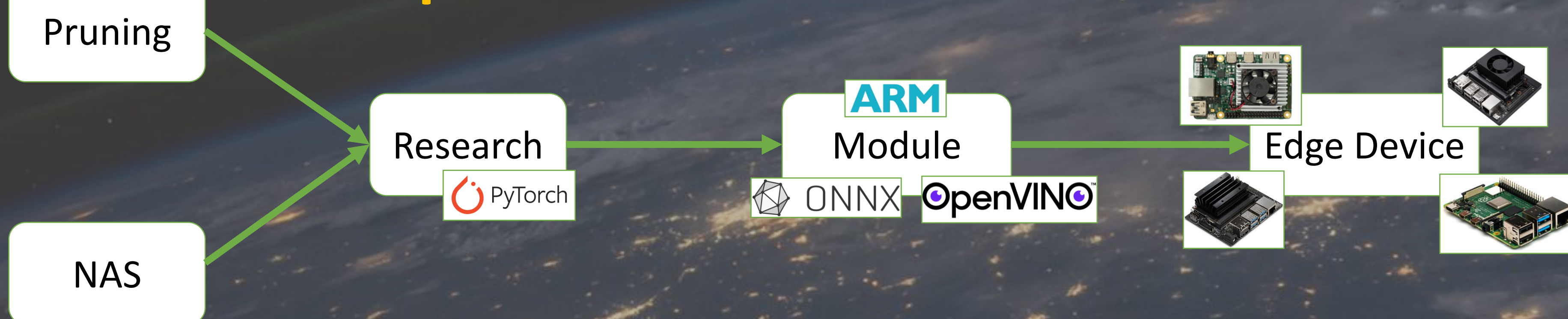
Pruning



Neural Architecture Search (NAS)



Implementation & Future Work



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