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N2S3, a Simulator for the Architecture Exploration of Neuromorphic Accelerators

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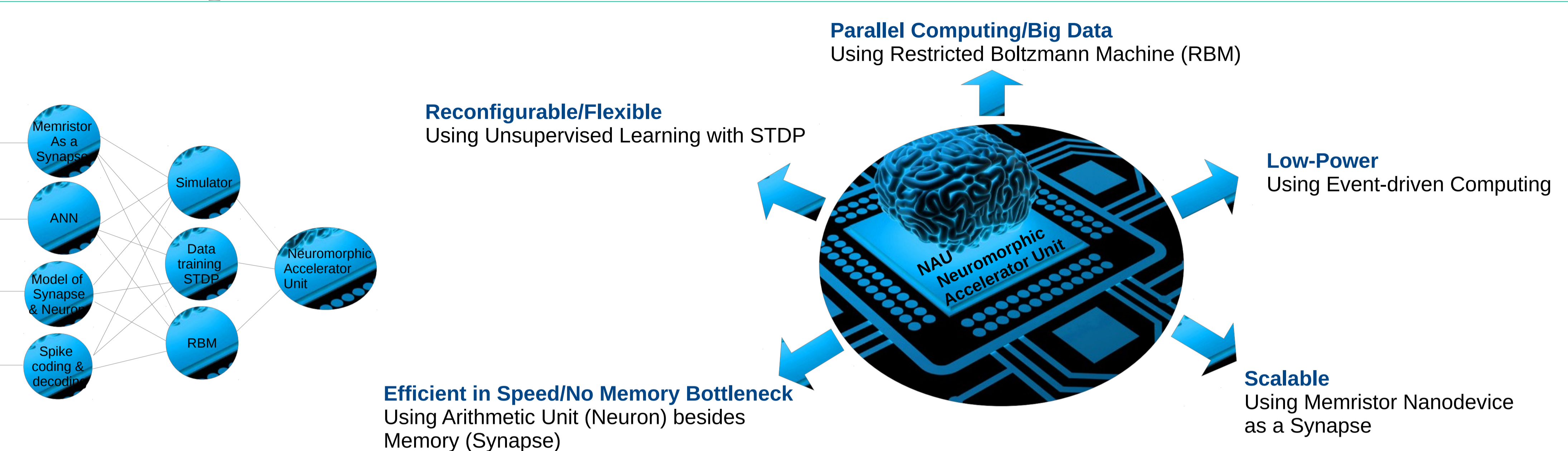


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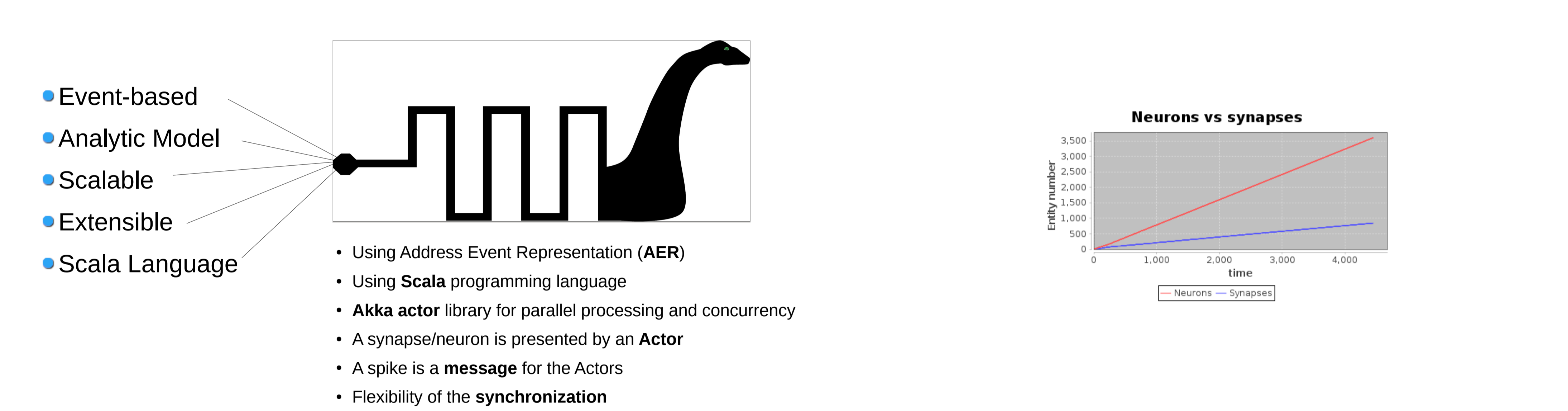
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Mahyar Shahsavari, Philippe Devienne, Pierre Boulet (Lille University)

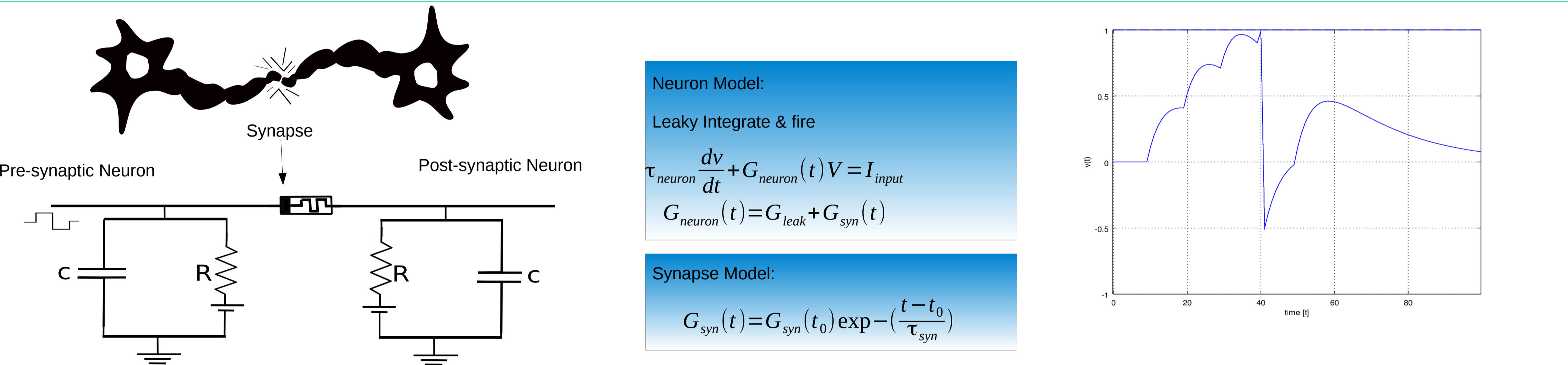
Neuromorphic accelerator



Neural Network Scalable Spiking Simulator (N2S3)



LIF model for Neuron



Model of Memristor as a Synapse

