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N2S3, a Simulator for the Architecture Exploration of Neuromorphic Accelerators

Mahyar Shahsavari, Philippe Devienne, Pierre Boulet

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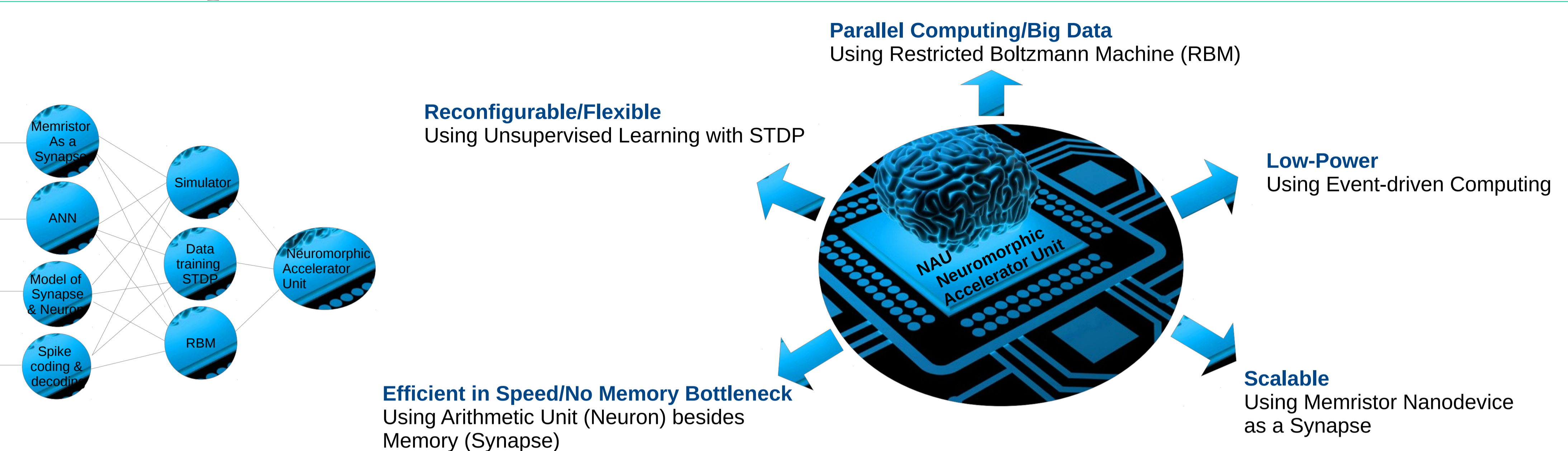


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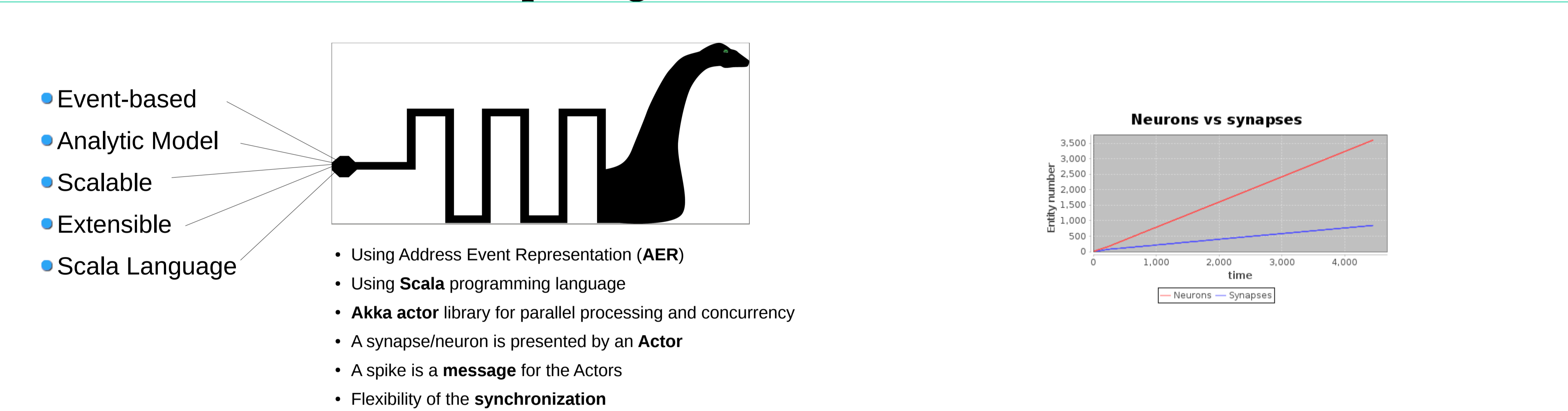
N2S3, a Simulator for the Architecture Exploration of Neuromorphic Accelerators

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

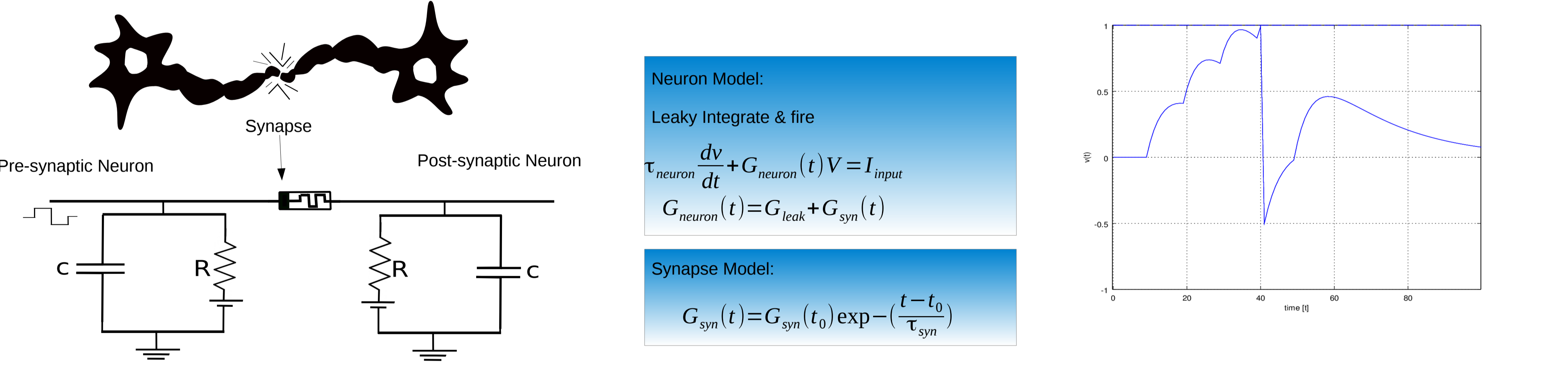
Neuromorphic accelerator



Neural Network Scalable Spiking Simulator (N2S3)



LIF model for Neuron



Model of Memristor as a Synapse

