











- arXiv:1311.3211.
- [4] Petrovici, M. A., Bytschok, I., Bill, J., Schemmel, J. & Meier, K. (2015). The high-conductance state enables neural sampling in networks of LIF neurons. 24th Annual Computational Neuroscience Meeting (CNS).
- [5] Probst, D.*, Petrovici, M. A.*, Bytschok, I., Bill, J., Pecevski, D., Schemmel, J., & Meier, K. (2015). Probabilistic inference in discrete spaces can be implemented into networks of LIF neurons. Frontiers in computational neuroscience, 9.

[9] Petrovici, M. A., Vogginger, B., Müller, P., Breitwieser, O., Lundqvist, M., Muller, L., Ehrlich, M., Destexhe, A., Lansner, A., Schüffny, R., Schemmel, J. & Meier, K. (2014). Characterization and compensation of network-level anomalies in mixed-signal neuromorphic modeling platforms. PLoS ONE, 9(10). [10] Petrovici, M. A.*, Stöckel, D.*, Bytschok, I., Bill, J., Pfeil, T., Schemmel, J. & Meier, K. (2015). Fast sampling with neuromorphic hardware. Advances in Neural Information Processing Systems (NIPS) 2015.

a universal neuromorphic computing substrate. *Frontiers in neuroscience*, 7.