

**Project 1: Building a rate-based to spiking neural network translator**

This project will use recent advances in computational neuroscience to build an automatic translation tool that is able to convert any feed-forward rate-based neural network into a spiking neural network equivalent. The work will be based on Boerlin, Machens & Deneve (PLoS CB, 2013) and will require Matlab coding, testing and simulations.

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