

# Hierarchical architectures for spiking Winner-Take-All networks

Christoph Rieger

10.01.2025

# Outline

1 Introduction

2 Content

3 Results

# Spiking neural networks

stdp, model

# Biological background

# Bayesian inference

# Model

- First item
- Second item
- Third item

# Experiments

# Conclusion

- Biological effects could be reproduced
- Connection between model and Bayesian Inference was shown
-