Most Directly Relevant References

- Oliveira, Reis, Stolerman, "Interacting diffusions on sparse graphs: hydrodynamics from local weak limits," *EJP* **25** (2020).
- Lacker, R., Wu, "Large sparse networks of interacting diffusions," Arxiv Preprint (2019)
- Lacker, R., Wu, "Local weak convergence for sparse networks of interacting processes," Arxiv Preprint (2020)
- Lacker, R., Wu, "Locally interacting diffusions as space-time Markov random fields," Arxiv Preprint (2019)
- Lacker, R., Wu, "Marginal dynamics of interacting diffusions on unimodular Galton-Watson trees," Arxiv Preprint (2020)
- Lacker, R., Wu, "Marginal Dynamics of probabilistic cellular automata on trees," Preprint (2021).
- Ganguly and R., "Limits of empirical measures of interacting particle systems on large sparse graphs," *near completion*, (2021)
- MacLaurin, "Large Deviations of a Network of Neurons with Dynamic Sparse Random Connections", Arxiv Preprint, 2016.