

Simulating Social Influence in Groups

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Model

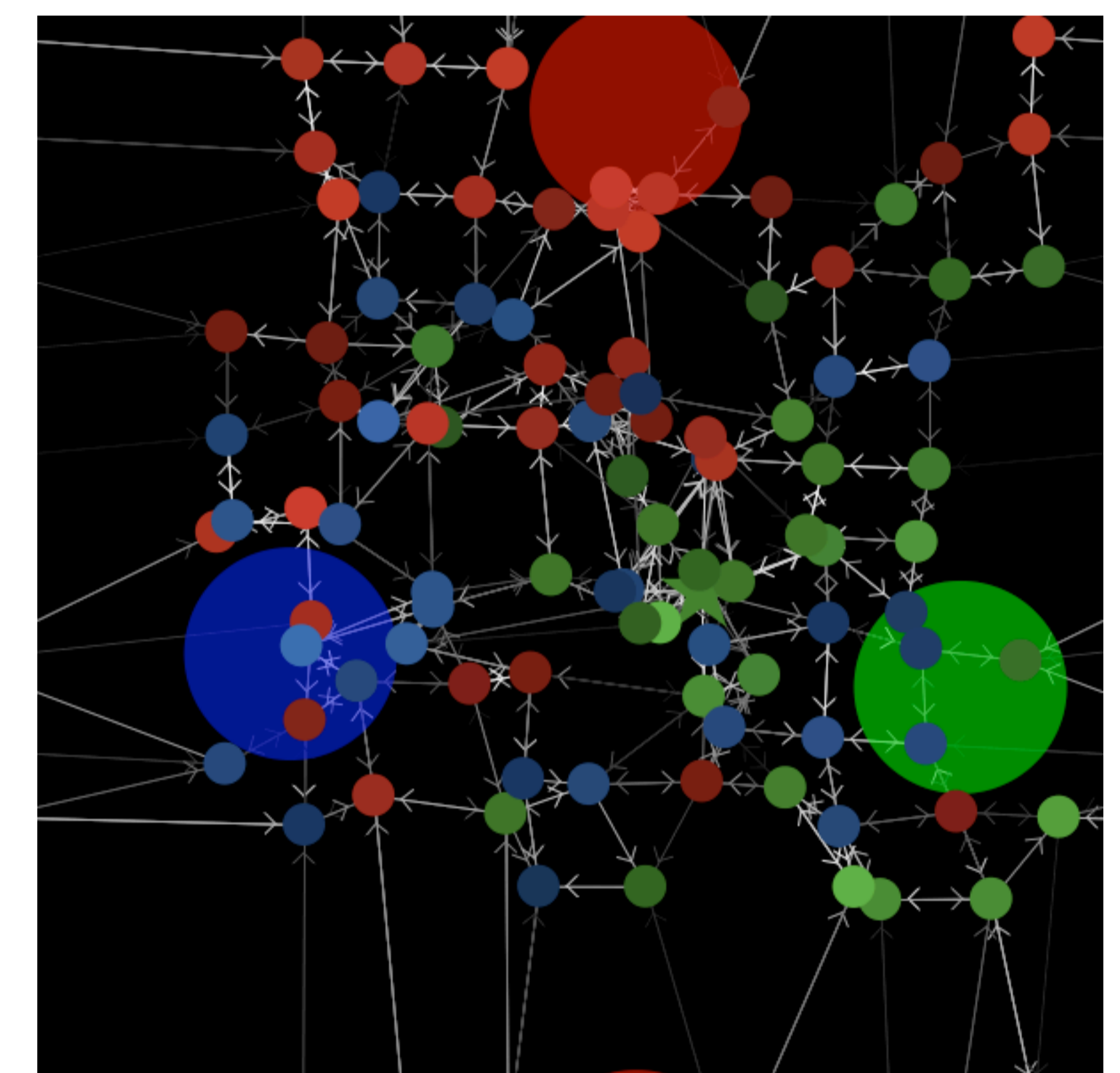
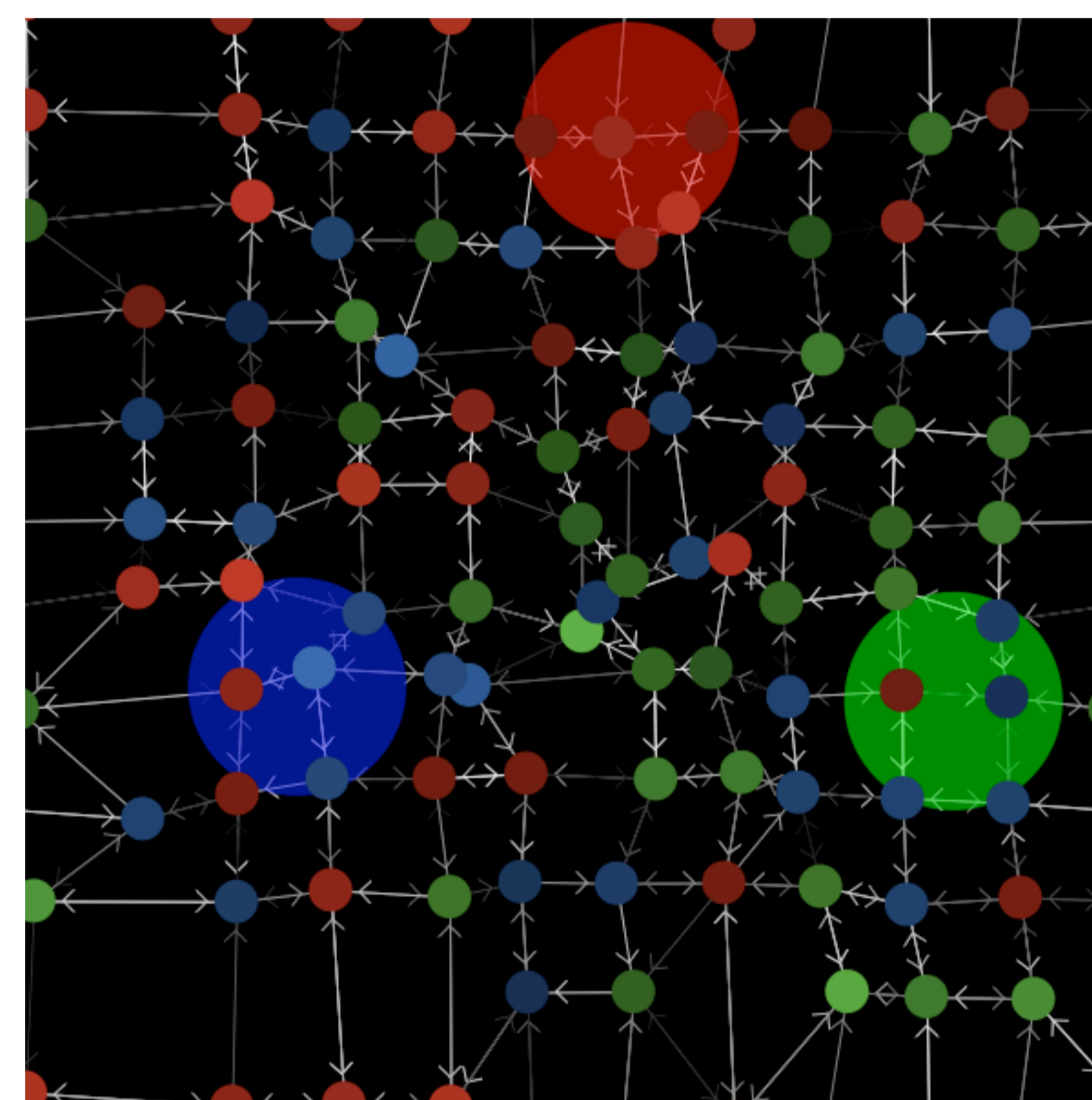
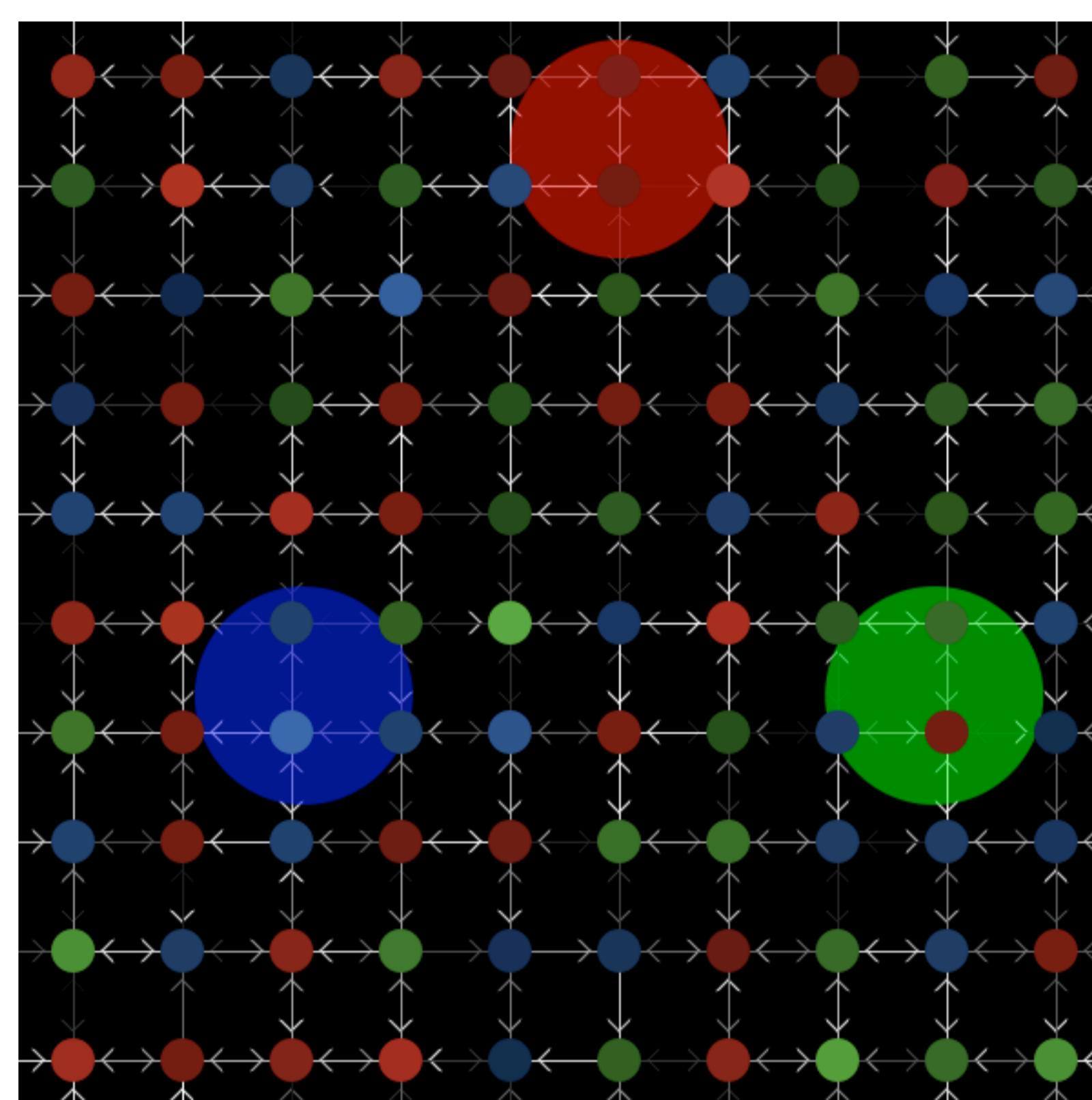
Research Question

Communication
between
interrelated individuals

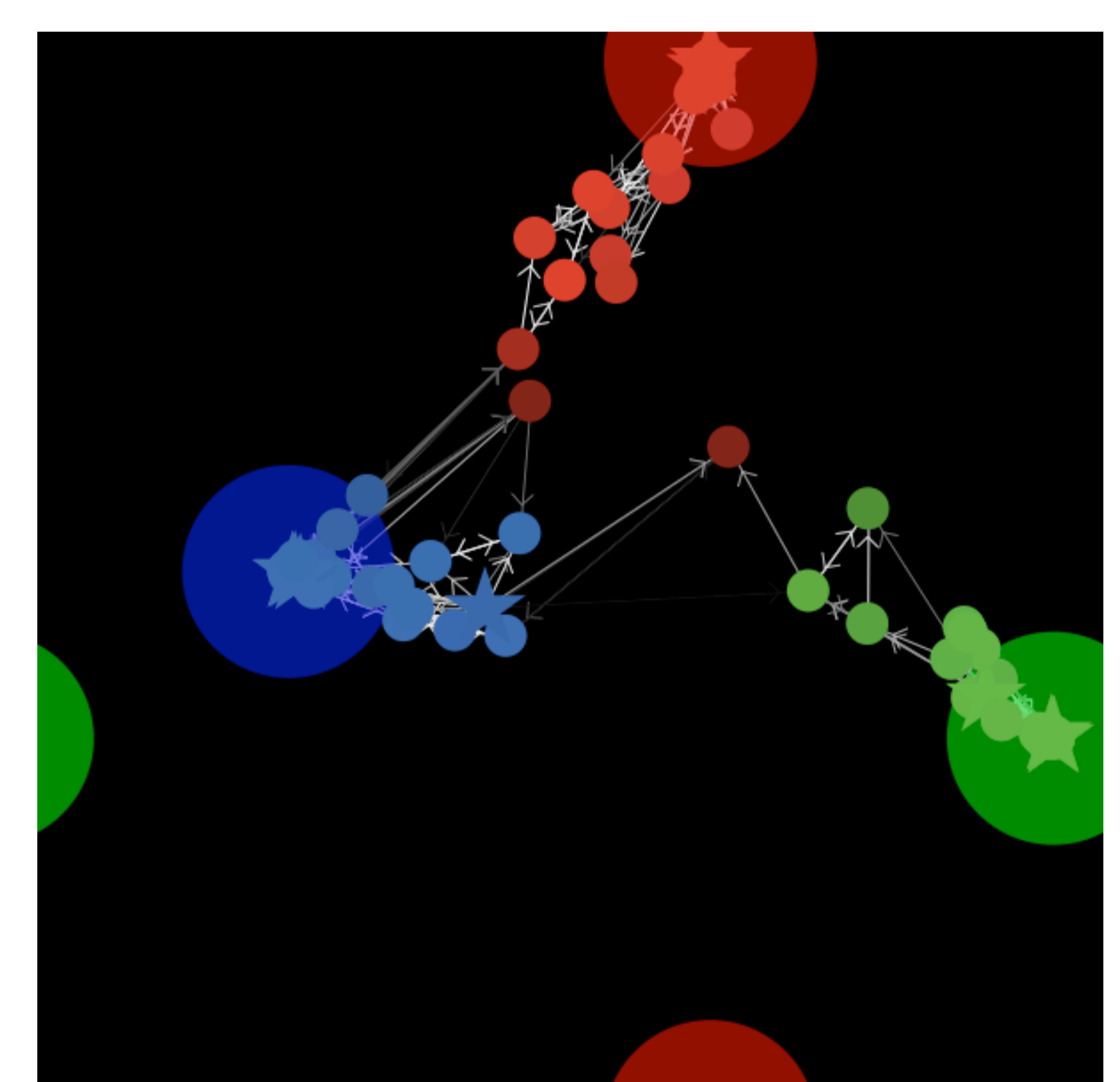
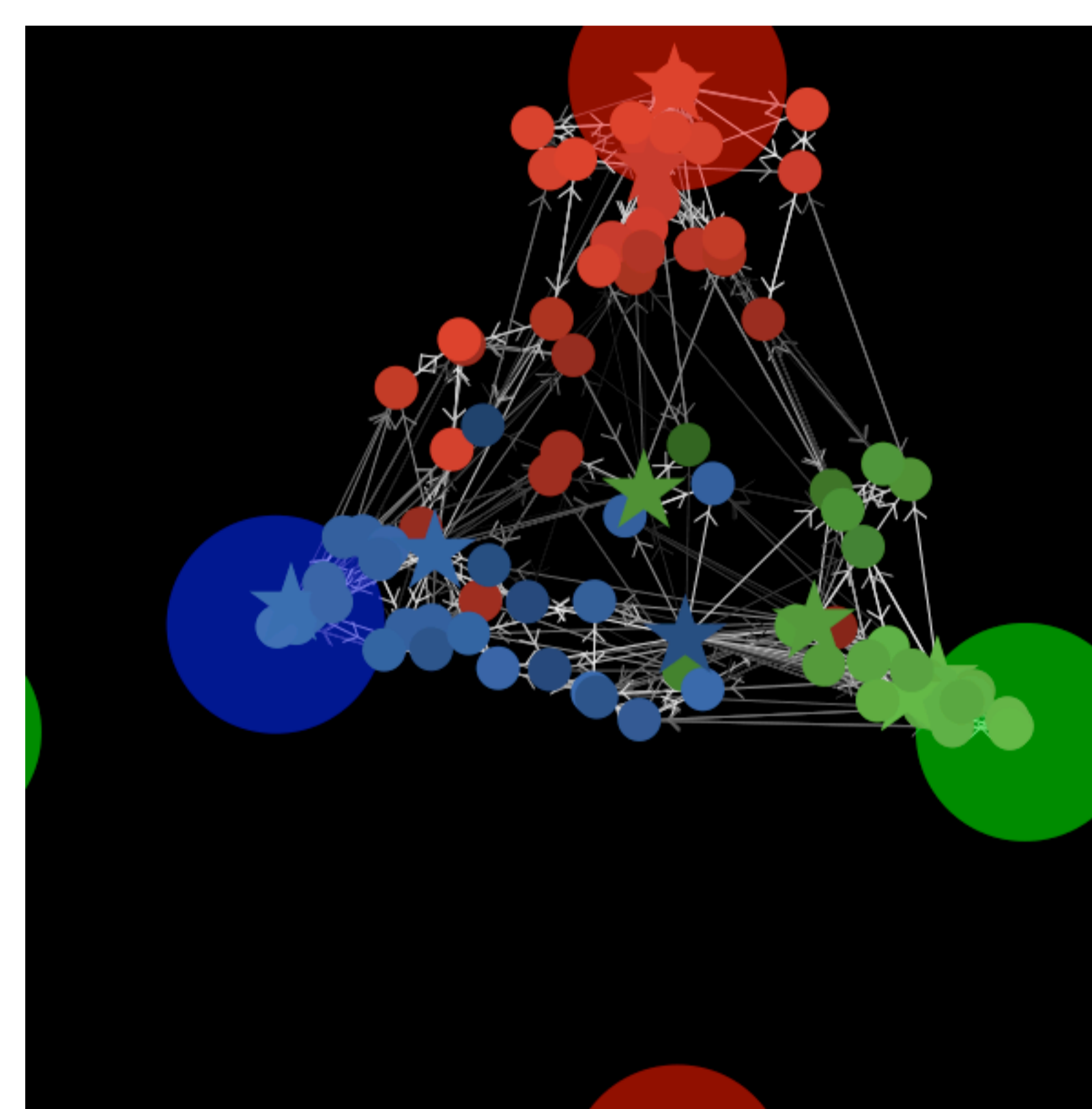
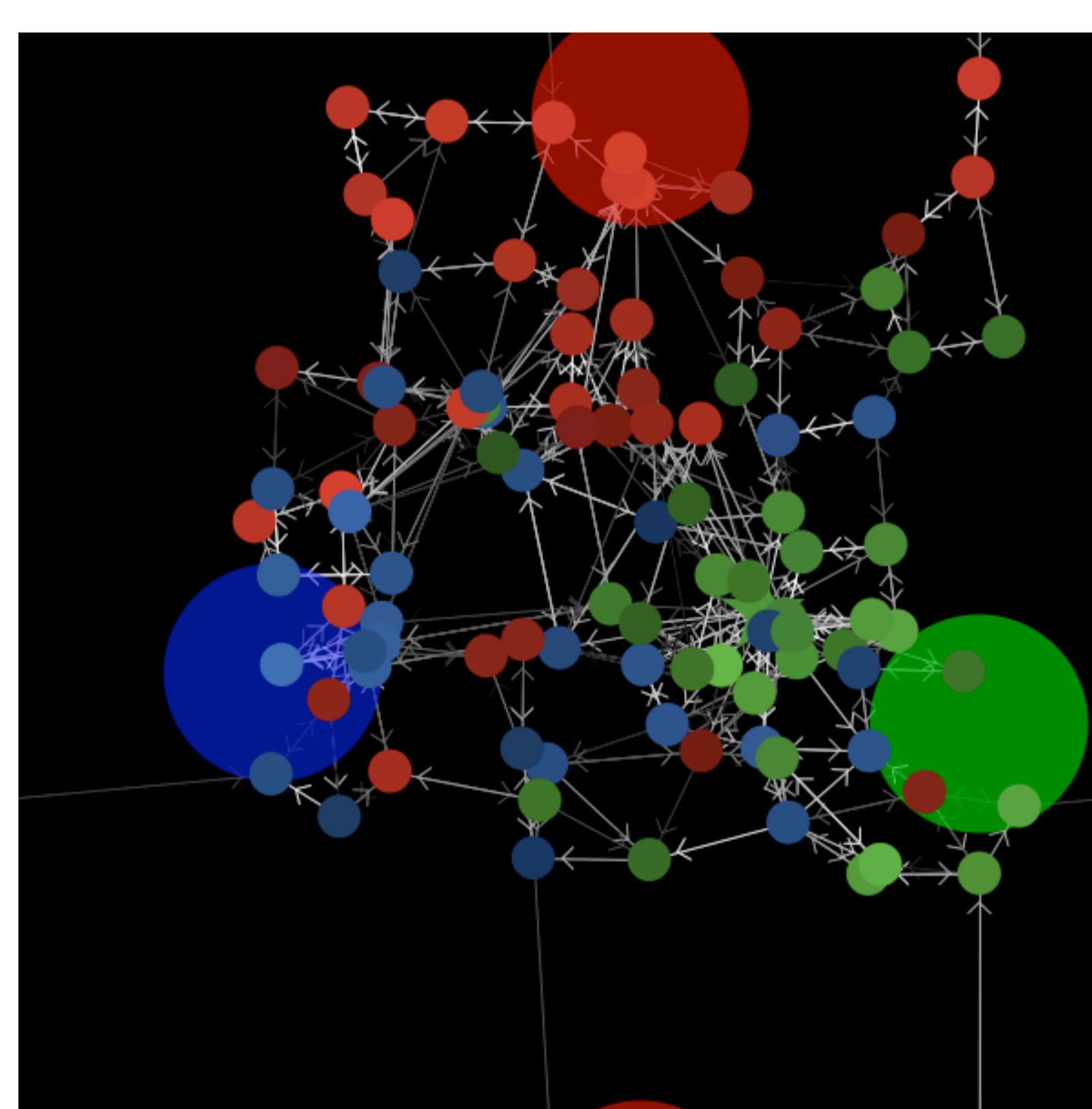
How do group identities develop, based on the dynamic interplay between network structure, inter-/intragroup interaction and group actions?

Simulation

Belonging
to a group



Action



Next Steps

- Validation & parameter estimation of the model
- Numerical analysis of simulation
- Simulate specific scenarios
- Towards an algorithm for emergent robot team composition

