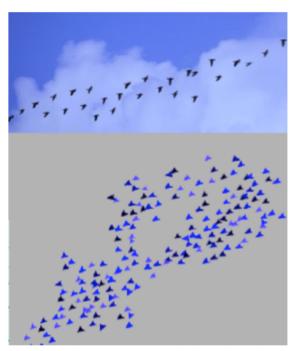
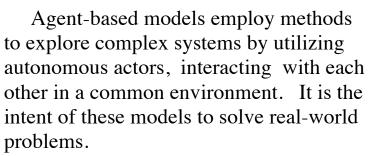
CS 398 Agent-Based Systems

Spring 2025

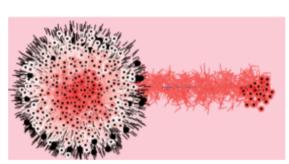
(TR 9:30 am - 10:45 am, Prerequisite: CS 126)



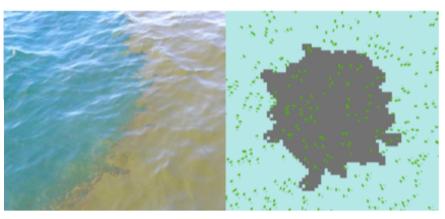
This model is an attempt to mimic the flocking of birds. The flocks that appear in this model are not created or led in any way by special leader birds. Rather, each bird is following exactly the same set of rules, from which flocks emerge.



Single-agent and multi-agent systems have found their way to real-world applications in a variety of domains such as e-commerce, logistics, supply chain management, telecommunication, health care, pandemics, weather, battlefield planning, and manufacturing. Below are samples of some specific models.

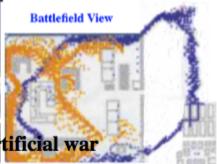


llustrating the growth of a tumor and how it resists chemical treatment.



Investigating the role of "oil-eating" bacteria in the dissipation of the Deepwater Horizon oil spill.





Questions - contact Dr. Ronald Pryor, SLC 431, ronald.pryor@wilkes.edu/