

# Propagation

Propagation is

- a model for distributed, concurrent computation
- Core ideas:
  - computational elements are *autonomous machines*
  - interconnected by shared *cells*
  - each propagator continuously examines its neighbor cells adding information to some, based on deductions it can make from the information in others
- scalable from multi-core and multiprocessor through cluster and grid computing, to distributed computing over a network
- applicable to all levels, from hardware architecture to enterprise application software.