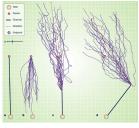
## Flashtalk 19.10.15 - Dessert Ant Adaptive Navigation



- Pathfinder: Pathintegration, pheromones, visual landmarks
  - do the simulated pattern match the empirical ones ?
  - how does the memory affect the path pattern?
  - ..
- The Model:
  - Agent-Based Model with individual ants as agents
  - various variables have to be traced such as
    - nestLocation, foodLacation, phermoneparticles, ants, landmarks



<sup>&</sup>lt;sup>1</sup>Nature ,542-552 (July 2002)