

# Gusztai Eiben - now



## Research

- Evolutionary computing (optimization, data mining, tuning, art)
- Evolutionary / swarm robotics in simulation

## Teaching

- Evolutionary computing (MA)
- Heuristics (BA)

## Other

- Brussels Future Emerging Technologies

# Gusztai Eiben - later



## Research

- Autonomous adaptive collective systems
- Embodied evolution, e.g. networked “gadgets” or robot collectives (with and without humans in the loop)
- Grand Machine Learning Mix for pervasive adaptation (beyond optimization)
  - Reinforcement learning, social learning, evolutionary learning
  - Hybrid groups: humans + gadgets/robots+ buildings

## Teaching

- Collective adaptive systems
- Heuristics / algorithms / experimental work
- Swarm robotics, adaptive robotics

## Other

- High-tech industry