Lab 6
Distributed Intelligent Systems

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Content

• Multi-level modeling
  – Several abstraction levels

• Modeling a robotic swarm
  – Submicroscopic models → Realistic simulation, Webots
  – Microscopic models → average behavior of a single module
  – Macroscopic models → average behavior of a swarm

• Prediction and evaluation of the performance of distributed systems
Many questions!

- Among the longest labs
- Proceed sequentially
- Detailed explanations in the assignment
- Not much of code implementation
- Some involved mathematics
Running Webots in fast mode (S6)

• Dataset stored in `/microscopic/data`

• If you want to run the script to create a new dataset, put Webots in fast mode manually after it launches

• Or make another copy of existing data files