

## Teaching interests:

- ▶ Automata and complexity, multicore programming (BSc)
- ▶ Protocol validation, distributed algorithms (MSc)

## Research interests:

- ▶ Design and analysis of distributed systems with formal methods
  - ▶ network and security protocols
  - ▶ executable models of biological systems, gossip protocols
  - ▶ distributed model checking
  - ▶ trust in an open web environment
- ▶ Foundational research on such formal methods
  - ▶ structural operational semantics, modal logic
  - ▶ process algebras for wireless systems



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- ▶ Supervisory control synthesis