

# Agent-based modeling and simulation



## Présentation

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### Description

**Goal :** To understand how to model and simulate complex system using an agent-based approach.

**List of subjects to be presented to the students :**

- Introduction to the agent approach
- Agent-Based Modeling and Simulation principles and process
- Agent-Based Modeling and Simulation tools
- Application to transport: autonomous vehicles, traffic modeling with inter-vehicles and smart infrastructure communications