

# Cloud Computing training



An Academic Overview

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# Who is Helene?

- Associate professor at IMT Atlantique
- Granted with an Inria Chair for 5 years
- Member of the research group STACK
  - Software — Stack — for Massively Geo-Distributed Infrastructures
  - Fog and edge computing
- Member of the Lowcomote project
  - ESR 14 - Jolan Philippe advisor
- Research interests
  - Automatic configuration and deployment of distributed software systems
  - Automatic and autonomic adaptation (reconfiguration) of distributed software systems
  - Component-based software engineering
  - Domain specific languages
  - High performance computing, Cloud, Fog and Edge computing

# Who is Jonathan?

- PostDoc at IMT Atlantique
- Member of the research group STACK
  - Software — Stack — for Massively Geo-Distributed Infrastructures
  - Fog and edge computing
- Research interests
  - Cloud Computing
  - Fog and Edge Computing
  - Energy aspects of datacenters

# Outline of the course

- 2020-02-18 - ½ day
  - Sharing IT resources and utility computing
  - Virtualization of IT resources
  - The Cloud computing paradigm
- 2020-02-21 - ½ day
  - Practical sessions