## Software Architectue in Cloud Computing

Outline



Fabien Hermenier

#### 2 teachers



Phd. Fabien Hermenier <a href="mailto:fabien.hermenier@unice.fr">fabien.hermenier@unice.fr</a> research interests: cloud computing, virtualisation,

research interests: cloud computing, virtualisation, resource management, autonomic computing



Phd. Fabrice Huet fabrice.huet@unice.fr
research interests: middleware for large scale systems, P2P overlays, data stream analysis

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#### Pitching the course

"This course presents typical software **architectures** devoted to run **scalable** applications in public **PaaS** clouds.

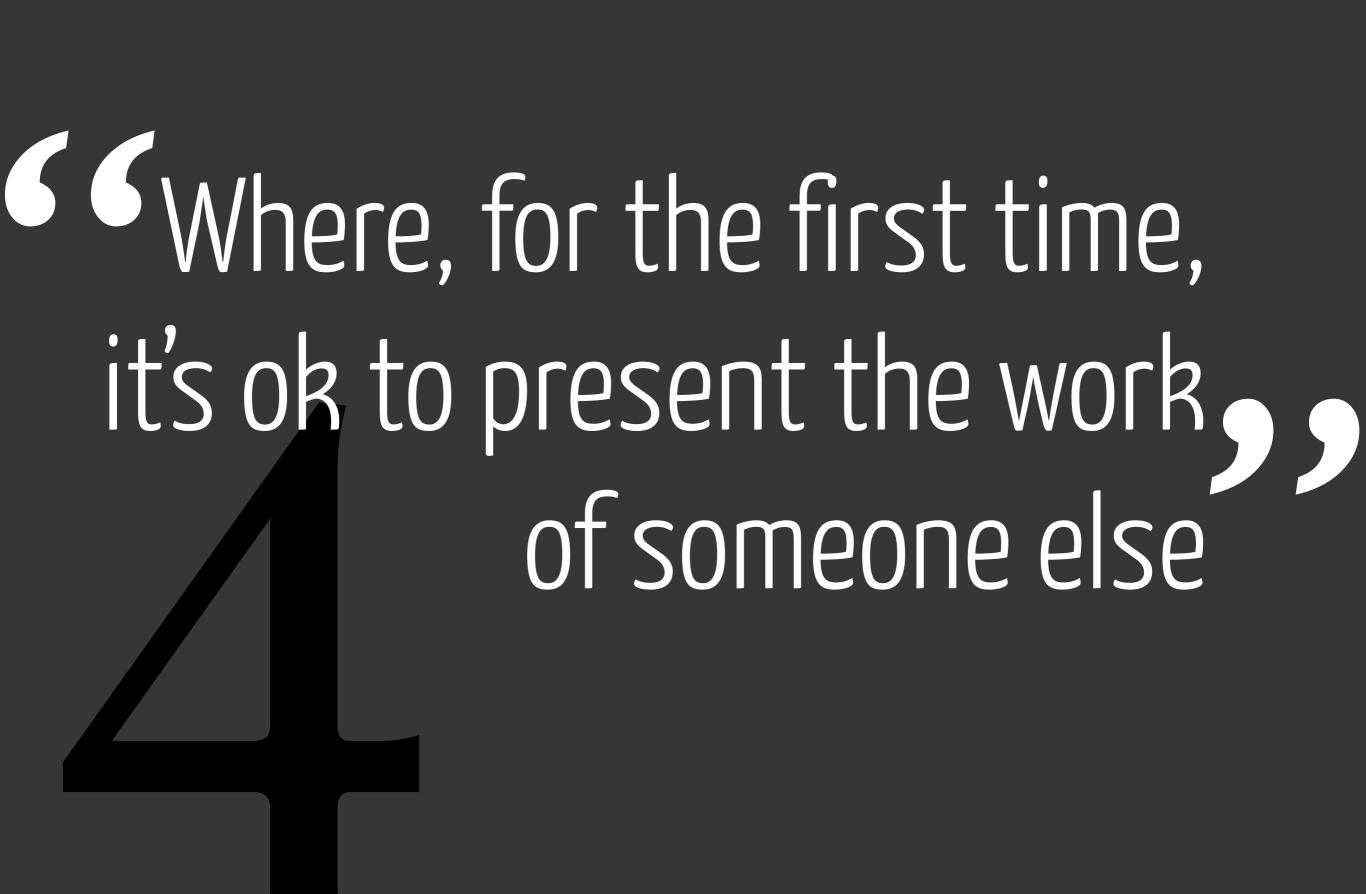
We discuss models to store and access **data** at scale, especially through **NoSQL** approaches. We then present **techniques** and **patterns** to design **native** cloud applications that can **adapt** themselves according to the load."

## Where we talk about cloud computing,

# 66 Where we talk about data management?



## 66 Where we talk about software architectures?



### 6 Where you design a native cloud application > >





attend the lectures take notes ask questions read papers revise Java google for tutorials, help Read That F\*\*\*\* Manual

### lknowlspeakfastbut thiswayit'shardtofall asleepduringmyclasses