

Software Architecture in Cloud Computing

Outline

2 teachers



Phd. Fabien Hermenier
fabien.hermenier@unice.fr

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

<http://users.polytech.unice.fr/~hermenie/sacc/>

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.”

1 “Where we talk about
cloud computing,”

“ “ Where we talk about
software architectures ” ”

2.a

“Where we play with



”

2.b

“Where we talk about
data management”

3.a

“Where you play with
databases,”

3b

“Where you design a native cloud application”

4

“

Where you will suffer
during the final

”

5

You want the ECTS?

European Credit Transfer System

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

I know I speak fast but
this way it's hard to fall
asleep during my classes