

# **Cluster on Software Engineering for Services and Applications**

Session 2

# The cluster at Cloud Forward 2015

October 7<sup>th</sup> 10.15 – 11.45

Discussion about the paper presentations

Go-to-Market strategy: AppHub presentation

Working time for the subgroups (we could not cover this for lack of time)

- White paper
- Standardization
- Go-to-Market strategy

## Discussion about the paper presentations

- Integration of DSLs and migration of models: a case study in the cloud computing domain
- A model driven approach for supporting the Cloud target selection process
- CloudTeams: Bridging the Gap between Developers and Customers during Software Development Processes

## **Challenges from the paper authors**

- Cloud allows collaboration among developers and with customers
- We should abstract over the physical implementation, both behavior of application and usage of resources
- Application should be optimized depending on where you deploy and run it

# Challenges from the audience

- Quality of software and production process is not evident
- How is this quality made explicit?
- Multi-tenancy: how can the user have some control on services that are managed in a multi-tenant way?
- How can service providers guarantee SLA in a multi-tenant environment

# Challenges from the audience

- When talking about desktop apps or client/server apps you need customization
- How do you achieve customization in this case?
- We need to change to way applications are being designed to allow better maintainability of software

# Challenges from the audience

- Software product created from business requirements, be more abstract, go down through technical layers
- The problem is that you need to be expert in all layers
- And you need to propagate back information from lower layers to upper layer
- Interoperability and privacy concerning data of cloud applications
- The top-down approach per se is not sufficient. However, abstraction is important, also management of state in cloud applications

# **AppHub presentation**

See Cedric's presentation