

## **CloudSME: Providing cloud-based simulation solutions for SMEs**

*Thursday, 21 May 2015 14:20 (25 minutes)*

Simulating physical or business processes could significantly improve the efficiency of most companies by reducing risks and optimising processes. However, the take up of simulation solutions is difficult for SMEs due to high software and hardware costs and the lack of expertise when designing the simulations and executing them on high performance computing resources. The CloudSME European project aims significantly lowering these barriers by providing a flexible platform to run complex simulations on cloud computing resources. CloudSME provides platform as a service (PaaS) solution for software vendors who wish to offer their products on the cloud, and software as a service (SaaS) for end-user SMEs who wish to utilise these services. This talk will provide an overview of the CloudSME simulation platform and will highlight possible business models how software vendor SMEs can provide cloud based simulation services to also SME end-users. The necessary computing resources can be provided by commercial cloud providers, supercomputer centers, or academic clouds.

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**Session Classification:** Business Track: Examples of SMEs as consumers and providers