

UBIVERTEX - Letter of Intention

Institute/Company

Name: I3S UMR CNRS 6070

Country: FR

Activity domain:

Number of employees: <50 <250 > 500

Name of the department/research team: Pole COMRED

Scientific contact

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Challenge descriptions:


The ANR Projet SIMGRID and its follow-up INFRA-SONGS (2012-2015) aims at building an efficient simulation program to study and better understand GRID Computing facilities and Very Large Scale distributed service and applications (eg. Peer-to-peer applications). In order to build realistic simulations of such architectures, numerous experiments on a real infrastructure are required, to build realistic simulation models.

Since virtual architectures are becoming a standard for modern computing facilities, all the existing simulation models build for traditional non-virtual computing architectures need to be revisited in order to account for the specificities of virtual architectures and related operating software.

The COMRED Pole of I3S is actively participating to this effort, and as such is interested in having access to a modern virtualization platform such as UBIVERTEX.

Type of commitment (internship, Phd grant, engineering staff):

Number of persons involved in these challenges:

Signature of Scientific Contact: Olivier Dalle	Signature of the Legal Representative:
	
Date: Sept 9 2011	Date: