

UBIVERTEX - Letter of Intention

Institute/Company

Name: INRIA Rennes – Bretagne Atlantique Country: France

Activity domain: Research Institute in Computer Science (EPST)

Number of employees: <50 <250 X > 500

Name of the department/research team: Myriads

Scientific contact

Name: Christine Morin

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Challenge descriptions:

The Myriads project-team aims at dependable execution of applications, in particular but not only those relying on Service Oriented Architectures and at managing resources in virtualized infrastructures in order to guarantee SLA terms to resource users and efficient resource management (energy efficiency, business efficiency...) to resource suppliers. Our research activities are organized along three main work directions: autonomous management of virtualized infrastructures, dynamic adaptation of service-based applications and investigation of a chemical approach for autonomous service computing. In parallel with these activities, the project-team is involved in various national and international collaborations: ANR ECO-GRAPPE (<http://ecograppe.inria.fr/>), ANR AutoCHEM, ANR COOP (<http://coop.gforge.inria.fr/>), ANR Bioinformatique MIHMES, European IP project Contrail (<http://contrail-project.eu/>) coordinated by Christine Morin, Myriads project leader.

These activities result in software developments which must be validated on realistic platforms. The UBIVERTEX platform will let us to validate our developments.

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

Phd grants: 6, engineering staff: 2.

Number of persons involved in these challenges: 8.

Signature of
Scientific Contact:



Date: September 8th, 2011

Signature of the
Legal Representative:

Date: