



Position available at INRIA Grenoble Research Center (France)

- Post-doc or IT engineer position
- 18 months contract
- Collaborative work in the European project VELAССCo on Visualization, HPC and Big Data (<http://www.velassco.eu>)

INRIA is member of a European consortium working on the VELAССCo project: "Visualization for Extremely Large-Scale Scientific Computing".

The project started in January 2014 for three years.

INRIA is hiring an engineer or post-doc on a 18 months contract to work on the Big Data management aspects of the project, starting July 2015.

The work consists in defining and developing the VELAССCo platform, in collaboration with the 6 international project partners.

Specifically, the work includes the definition, development, deployment and test of the prototype and production platforms for storing, accessing and manipulating the huge volumes of data produced by simulation applications.

It will focus on the efficient manipulation and storage of the data using extensions of the Hadoop Big Data framework, and its interface with HPC infrastructures and GPU visualization tools.

The applicants should hold a PhD in Computer Science, with skills in C, C++ and Java programming, and be fluent in English.

Expertise in the Hadoop ecosystem will be considered as a plus.

Team work and collaboration with foreign partners are required.

Frequent participation to on-site and audio/visio meetings with partners abroad (Spain, Great-Britain, Germany and Norway) are also required.

The work will be conducted at INRIA in Grenoble (France) (<http://www.inria.fr/grenoble>).

The salary will conform to INRIA rates, approx. 2000 euros net per month, including healthcare and social support activities.

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