

A postdoctoral research position in Numerical Analysis and Scientific Computing (with applications) is open at SISSA, International School for Advanced Studies, Mathematics Area, mathLab division, Trieste, Italy.

The position is in the framework of the ERC (European Research Council) Consolidator Grant AROMA-CFD, Advanced Reduced Order Methods with Applications in Computational Fluid Dynamics, PI Prof. Gianluigi Rozza (Project 681447).

Applications info, details and requirements are available at the link:

http://www.sissa.it/gare/show_announcements.php?p=A3_B4&id=2064

The announcement is in Italian and in English. In the general description of the call please have a look at Annex 1, position 2 for details.

Application deadline is May 6, 2016 at 1pm (CET).

Fields of the research activity:

Mathematical modeling, numerical analysis and simulation for the complex systems (industry, medicine) held by PDEs, computational fluid dynamics for optimization and control or uncertainty quantification, scientific computing programming, high performance computing and/or large scale computing competences.

Additional requirements, competencies and abilities:

Good knowledge of high level programming languages, e.g., C/C++/Python; Scientific Computing software libraries, Reduced Order modeling techniques (reduced basis methods, POD), efficient geometrical parametrization techniques.

For more info and details you can contact gianluigi.rozza@sissa.it with a message with subject "ERC AROMA-CFD".