



Perspectives of GPU Computing in Science

Dep. of Physics, Sapienza Università di Roma, September 26-28 2016
organized by Dep. of Physics Sapienza, IAC, INFN, INGV, Roma, Italy

We are glad to announce that REGISTRATIONS and TALK/POSTER submissions are now OPEN, at the Meeting web site <http://www.roma1.infn.it/conference/GPU2016/>. Because of time limitations, only a relatively small number of presentations will be accepted as oral talks, upon selection by the Scientific Committee. Anyway, there is wide space for Posters.

We remind you that:

the aim of this international meeting is to present and discuss some of the modern applications in science of hybrid computational systems based on multicore CPUs governing a set of Graphic Processing Units (GPUs) or other kind of many-core number crunchers.

The various sessions will be devoted to diverse typologies of applications in various fields (particle physics, dynamics of stellar systems, galactic dynamics, hydrodynamics, meteorology, molecular dynamics, quantum chromodynamics, statistical mechanics, disordered systems, physics of matter, seismology, neuroscience, biology, social sciences etc.) in fundamental and applied science.

Senior lecturers with expertise in the field on both the scientific and computational side will introduce each session with a long talk, followed by shorter presentations (selected by the SOC among the talks proposed by the applicants).

We encourage the submission of contributions (oral talks or posters) focused on discussing the current state-of-the-art, perspectives in hardware/software evolution, as well as technical aspects in pursuing performance in scientific parallel applications.

You are warmly invited to communicate to your colleagues of this Meeting and participate to it. Please have a look to the Meeting web site

<http://www.roma1.infn.it/conference/GPU2016/>

and address questions to gpu2016@uniroma1.it

Cordially, the LOC and the SOC of the Meeting