

Perspectives of GPU Computing in Physics and Astrophysics

Dep. of Physics, Sapienza Universita' di Roma, September 15-17 2014
organized by Dep. of Physics Sapienza, IAC, INFN, INGV, Roma, Italy
sponsored by ARPA, HP, nVIDIA

FINAL CIRCULAR

This email is to communicate that both the REGISTRATIONS and TALK/POSTER submissions are still OPEN, at the Meeting web site <http://www.roma1.infn.it/conference/GPU2014/>

IMPORTANT: the Abstract submission deadline is JULY 15. The notification of acceptance will be communicated in time to have the EARLY REGISTRATION which has July 31st 2014 as DEADLINE.

Due to limitations in time, only a relatively small number of presentations will be accepted as oral talks, upon selection by the Conference SOC. Anyway, there is wide space for Posters.

WE STRESS THAT:

- 1) Young participants proposing relevant oral/poster contributions are eligible, upon request, of EXEMPTION of the registration fee, upon decision of the SOC and according to financial availability. They are asked to email their request with a short motivation to the address GPU2014@roma1.infn.it
- 2) People attending also the Conference GPU Computing in High Energy Physics in Pisa on Sept. 10-12 are eligible for a DISCOUNTED registration fee for our Meeting in Roma.

We remind you that:

the various sessions of this international meeting will be devoted to diverse typologies of applications (dynamics of stellar systems, galactic dynamics, hydrodynamics, meteorology, molecular dynamics, quantum chromodynamics, statistical mechanics, disordered systems, physics of matter, seismology, etc.). Senior lecturers with expertise in the field on both the scientific and computational side will introduce each session with a long talk (see the list of invited speakers at http://www.roma1.infn.it/conference/GPU2014/inv_list.html), followed by shorter presentations (selected by the SOC among the talks proposed by the applicants) aiming to the identification of the benefits given by the usage of GPUs in different contexts in which they showed to be an invaluable computational tool, and to discuss their impact in past and future scientific research.

A significant amount of time will also be specifically dedicated to the discussion of hardware and software aspects involved in developing applications, with particular reference to critical issues as, for instance, the optimization of data transfers between host and devices.

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/GPU2014/>

and address questions to GPU2014@roma1.infn.it

This Meeting is joint to a relative Meeting which will be held in Pisa (Italy) titled **GPU in High Energy Physics** (see www.pi.infn.it/gpu2014), Sept. 10-12 2014. People attending to both the Conferences will have a discounted registration fee.

Cordially, the SOC and the LOC of the Meeting