Welcome to ASC14

To whom it may concern：

With the supports from the High Performance Computing (HPC) experts and organizations, the ASC13 Student Supercomputer Challenge has concluded with great success. We have **43** teams registered and **142** universities interested, including Russia, Korea, India, Kazakhstan,Saudi Arabia, Taiwan, Hong Kong etc.. The ASC13 greatly promotes the HPC popularity and motivates the HPC young generation. The ASC13 becomes the biggest student supercomputer challenge, in terms of the registered team amount.

The ASC14 Student Supercomputer Challenge (ASC14, hereafter) is opening the arms to all universities, institutes, and other academic organization worldwide. We are calling for registration and preliminary contest preparation. Through the challenge, the ASC hopes to gather the HPC talents, motivate them toward HPC, and inspire their innovation passion of *Wisdom Unbound*. We believe with the impacts of ASC, many young talents will start their journey of meeting HPC, understanding HPC, and loving HPC. Some of them may finally take HPC as a career option, such as some students from National Defense University team have already contributed to the Tianhe-1A and Tianhe2. The final goal of ASC is to culture the HPC scientists and engineers, who will contribute to exploring the unknowns and realizing the dreams of the entire human being.

We wish all teams the best of luck in ASC14.More at www.asc-events.org

Please register from http://www.asc-events.org/ASC14/Register.php ,if you are

1, Interested in HPC architecture and applications

2, From an academic organization (one team each)

3, With five team members (must be undergraduate students) and at least one advisor

Procedure

Registration due
By returning the chopped registration form

Final challenge
By attending the challenge in China,which covers linpack,application,and presentation

Late Dec

Late Feb

Late Apr

Preliminary contest
By ranking the team proposals

As for the preliminary contest

Time Jan-Feb, 2014

Content The evaluation committees will design the questions and share with all registered team. All teams need to finish the proposal and test results before the due time. The finalist teams will be selected by the preliminary contest rank.

As for the final contest

Time Apr, 2014

Content The finalist team need to deploy and optimize a supercomputer, and finish:

1. Linpack test

2. Three HPC applications

3. Heterogeneous computing optimization

4. Presentation

* The INSPUR group will provide hardware for the final contest. You may bring your accelerator cards and interconnection at your own risks.

Award

- Overall Gold Winner: 100K RMB (~16000 USD) .
- Overall Silver Winner: 50K RMB (~8000 USD) .
- Highest LINPACK: 10K RMB (~1600 USD) .
- Heterogeneous computing optimization: 10K RMB (~1600 USD) .
- Best applications performance: 10K RMB (~1600 USD) .

The FAQ for ASC14 is provided for your perusal. We sincerely welcome more universities to participate in this upcoming event soon. More at www.asc-events.org.

Contact:Info@asc-events.org

Thank you very much.

Very truly yours,

Professor XU, Yuesheng
Organization committee chair

ASC14 Committee
Sun Yat-sen University
INSPUR GROUP
2013-11

ASC14 WISDOM UNBOUNDED