

To whom it may concern

High Performance Computing Laboratory (HPC Lab) is a group of researchers at Faculty of Computer Science and Engineering, Ho Chi Minh City University of Technology. The Lab is directed by Prof. Thoai Nam, Prof. Pham Tran Vu and Prof. Tran Van Hoai and it is one of the first groups in Vietnam to have addressed the research area of HPC Field. Since its foundation more than 10 years ago, more than 200 publications, 200 Master's/Bachelor's Theses, supervised student projects and development project reports have been published. The fundamental issues driving the research effort to revolve around the manageability of networked systems include adequate management concepts, tools, and IT processes. For several years, comprehensive work has been done on architectures for integrated management and on implementations of distributed management solutions for dedicated management areas, e.g., configuration, accounting, and fault management. The work is based on practical experience and knowledge gained from intensive co-operations with providers of large heterogeneous networks and software developers in the field of integrated management as well as scientific research in Ho Chi Minh City University of Technology. The team comprises around 10 researchers, as well as numerous students. The team's research work considerably benefits from the fact that most of its members have responsibilities for operational management of large IT-infrastructures in complex organizational environments. Consequently, many research and development projects stem from real life experience (e.g. Intelligent Traffic System). The HPC Lab environment, on the other hand, provides a platform for research results and prototypes to undergo thorough proof-of-concept evaluations in concrete service environments. This situation, though unusual for a research team, strengthens the group's credibility with business and industry partners and eases the acquisition of research grants. The pursuit of research goals takes account of standardization documents as well as "best practice" collections and relates to business management aspects such as business process modeling and the forming of virtual organizations. As a matter of course, the research topics investigated by the team are reflected in specific lectures, courses, and seminars.

Currently, HPC Lab is seeking for **prospective students** who are interested in studying postgraduation education or acquiring helpful knowledge to work in industry after their graduation.

When joining the HPC Lab, you can reap the following **benefits**:

- Attending training courses about High Performance Computing, Parallel and Distributed Computing, Data Analytics, etc.
- Studying in a professional academic environment with the fastest supercomputer in Vietnam.

- Taking part in some mini-projects with both national and international specialists.
- Learning how to conduct researches and write research papers.
- Obtaining essential information about overseas internship, PhD scholarships, etc.

To be **eligible** to participate in our lab, you should have:

- Solid background in mathematics, probability, statistics, etc.
- Some basic skills such as critical thinking, problem-solving, team spirit, etc.

To look your qualification over, we will have a **mini-test** for you.

To motivate students, we will hold a **contest annually with valuable awards**.

The timetable for **training course** will be announced soon.

For further information, you can refer to our website: <http://hpcc.hcmut.edu.vn/page/teams>

If you concern this announcement, please do not hesitate to contact us via: hpcc_hcmut@googlegroups.com. Any question and feedback or comment will be warmly welcomed.