IPM

Institute for Studies in Theoretical Physics and Mathematics, School of physics

Workshop on

High Performance Computing

16-21 February 2008 (27 Bahman- 2 Esfand 1386)

Registration deadline: 10 January 2008 (20 Day 1386)

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for (int i=0; i < number_of_particles; i++) for (int j=0; j < number_of_particles; j++) { ...
```

Lecturer:

Stefano Cozzini

CNR/INFM Democritos and SISSA/eLab

An introduction to:

- GNU/Linux
- Parallel computing and parallel machines
- Parallel programming (MPI and openMP)
- Compilers, debuggers and profilers
- Parallel libraries
- Optimization techniques

Audience:

Scientists who actively develop their own computer codes as part of their research and are willing to move toward parallel programming.

Organizers:

Reza Asgari, IPM
Hamed Seyed-allaei, SBU & IPM

Tutors:

Ehsan Nedaaee Oskoee, IASBS
Hamed Seyed-allaei, SBU & IPM
Seyed Mehdi Vaez allaei, UT

Lab Organizers:

Majid Arabgol, IPM
Maryam Soltani, IPM

More information and online registeration form can be found at:

http://physics.ipm.ac.ir/conferences/hpc08