



Closing remarks

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Supercomputers for Petascale Computing

Classical MPP approaches

Large Scale Hybrid Supercomputers

- Tsubame (Titech, Japan) : thousands of AMD + *Clearspeed* SIMD accelerators
- RoadRunner IBM project : thousands of AMD + IBM Cell (64 bits), 2008.

Parallel Computing and Distributed Computing connection :
Open Supercomputers, Supercomputer Grids,

Parallel Computers and Grids converge toward new high performance supercomputing platforms.

The 21st ORAP Forum (tentative)

*Algorithms and Architectures
for Petascale Scientific Computing*

June (5), 2007