
INTEREST IN THE WORKSHOP AND IMPACT

Note: The following subsections are designed to aid the directors in determining the appropriateness of the course material for your intended purposes. Please take great care in answering these questions.

Describe briefly your current computing and software development activities underlining your experience in parallel programming and, if any, software development for accelerators. How do you anticipate this workshop will impact your work?

What specific skills do you wish to acquire or improve during this school?

What broader impact to your work or research environment do you anticipate from your participation?

Briefly describe what size and type of existing facilities for scientific computing (personal laptop / desktop, shared workstation, servers, clusters, grids) to which you have access to and to what degree you utilize them. Please also include any short to medium term plan(s) to upgrade or expand existing or deploy new facilities.

TECHNICAL SKILLS

Knowledge of Programming/Script Languages

	excellent	good	fair	poor
Fortran77	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fortran90/95	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C++	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scripting (Python, Shell)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other(optional): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Knowledge of Linux/Unix Command Line Interface

	excellent	good	fair	poor
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Knowledge of Parallel Computing/Programming:

	Expert	Developer	User	None
MPI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OpenMP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUDA/OpenCL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pthreads/Intel TBB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OpenACC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vector Intrinsics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Which Editor/Tool Do You Use For Programming (mark all that apply):

	Frequently	Sometimes	Never
Eclipse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emacs/XEmacs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gedit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kdevelop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vi/Vim	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visual Studio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (optional): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>