

TC	Topic	Urgency	Duration	Responsiveness	Applicability	Timeline
Performance and Analysis	Performance Instrumentation	Important	Medium	Moderate	Broad	Soon
	Integrated measurements	Important	Medium	High	Science	Immediate
	Tools for code optimization	Important	Long	Moderate	Broad	Soon
	Predictive modeling	Critical	Long	High	Science	Immediate
Applications and Libraries	Novel Algorithms Research	Critical	Long	High	Broad	Soon
	Profiling tools	Important	Long	High	Science	Eventually
	Generic Scientific Toolkits	Useful	Long	High	Broad	Eventually
	Fault tolerant tools	Important	Long	High	Science	Eventually
Programming Models	Best practices and knowledge transfer	Important	Medium	High	Narrow	Immediate
	Translation Tools	Critical	Medium	High	Science	Soon
	Debugging and Performance Support	Important	Long	High	Broad	Soon
	HMC & non HMC Performance Portability	Useful	Long	Moderate	Broad	Eventually
	Expressive Programming Environments	Useful	Long	Moderate	Broad	Eventually
Architectures and Metrics	Accelerator/System Interface	Critical	Long	High	Broad	Soon
	Accelerator Design	Critical	Long	High	Broad	Soon
	System Software	Critical	Long	High	Science	Immediate
	Simulation and Modeling	Important	Long	High	Broad	Immediate
	Metrics	Important	Long	High	Broad	Soon
	System Design	Important	Medium	High	Broad	Immediate