



Conference at a Glance

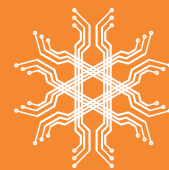
Monday, April 24

	General Interest	Topics for Enterprise	ISA Developer Days	Tools & Tuning	Focus on GCC	Focus on Scalability	Advanced Topics	Research
8:00	Registration Bayshore Foyer & Exhibits Open Sierra & Cascade							
9:00	Welcome Siskiyou & Donner Pass							
	Keynote —Itanium: Its Rationale and Potential from an HP Labs Perspective, William S. Worley, Secure64 and Itanium Solutions Alliance Siskiyou & Donner Pass							
10:00	BP: An Enterprise Itanium Use Case Study Siskiyou & Donner Pass							
11:00		Oracle: An Enterprise Itanium Use Case Study Donner Pass		Compiling for the Intel Itanium 2 Processor Code Named Montecito Siskiyou			Mathematical Modeling to Formally Prove Correctness Cedar	Preparing for the First Beam at the LHC San Carlos
12:00	Lunch & Exhibits Open Sierra & Cascade							Computing Optimal Equilibrium Strategies for Network Economies San Carlos
13:00								
14:00	Basic Itanium Architecture Donner Pass			Columbia Application Tuning Case Studies Siskiyou			Kernel Optimization for Enterprise Workloads Cedar	Mathematical Libraries/Parallel Solvers San Carlos
				HP Caliper: An Update to the Linux IPF Performance Tool Siskiyou	The ISP RAS Effort to Improve GCC for Itanium San Carlos		Suggested Improvements in Itanium and Software Cedar	
15:00	An Evaluation of High Performance Octave on Itanium Donner Pass	Computational Requirements for Compute Intensive Applications Cedar		VTune Update Siskiyou	GCC IP Issues San Carlos			
	Afternoon Break & Exhibits Open Sierra & Cascade							
16:00	Interactive Supercomputing with Star-P and MATLAB Donner Pass				Open64: An Alternative Backend for GCC San Carlos		Evolution of PCI IO Cedar	Superpages / VM Work Siskiyou
17:00		An Update on Xen on Itanium Donner Pass		An Update on the Current State of OpenSpeedShop Siskiyou	Itanium 2 and Montecito Microarchitecture San Carlos			
18:00	Exhibits Open Sierra & Cascade							
19:00					Aliasing in GCC San Carlos			
					Superblock Update San Carlos			
20:00					Interblock VLIW Scheduler San Carlos			
					Parallel Programming with GCC San Carlos			
21:00								

Tuesday, April 25

General Interest Topics for Enterprise ISA Developer Days Tools & Tuning Focus on GCC Focus on Scalability Advanced Topics Research

8:00	Registration Bayshore Foyer & Exhibits Open Sierra & Cascade						
9:00	Keynote—Trends in Computer System Design, Jerry Huck, HP Siskiyou & Donner Pass						
10:00	Poster Session / Continental Breakfast / Exhibits Open Sierra & Cascade						
11:00							
12:00	Enterprise Graphics on IPF Cedar		Roundtable with Intel Senior Itanium Compiler Engineers Siskiyou & Donner Pass				
13:00	Columbia System Overview: Storage, Organization, Reliability, Etc. Cedar						
	Late Lunch & Exhibits Open Sierra & Cascade						
14:00							
15:00		Valgrind Siskiyou	LTO: A Brief Introduction San Carlos		Local and Remote Memory: Memory in a NUMA System Cedar	Experiences on the Itanium-Based Grid Test Bed at UPRM Donner Pass	
16:00			LLVM: A Brief Introduction San Carlos				
	Exhibits Open Sierra & Cascade					In Search of Collaboration Donner Pass	
17:00							
18:00							
	Tuesday Night Social & Dinner Tech Museum of Innovation						
19:00							
20:00							
21:00							



Wednesday, April 26

	General Interest	Topics for Enterprise	ISA Developer Days	Tools & Tuning	Focus on GCC	Focus on Scalability	Advanced Topics	Research
8:00	Registration Bayshore Foyer & Exhibits Open Sierra & Cascade							
9:00	Keynote —The Road Ahead: Intel Itanium Architecture and Software, Don Soltis and James Reinders, Intel Siskiyou & Donner Pass							
10:00	Highlights of the Upcoming Gelato ICE Singapore, October 2006 Siskiyou & Donner Pass							
11:00		CEA's Recent Installation of Bull Montecito Systems <i>Donner Pass</i>	Itanium Architecture <i>Monterey</i>	Dynamic Instrumentation-Based System for Building Tools <i>Siskiyou</i>				Itanium Virtualization and vNUMA <i>Cedar</i>
			Hardware Overview <i>Monterey</i>	VTune Roundtable <i>Siskiyou</i>		Blktrace: An Overview <i>Cedar</i>		Bioinformatics in Biomining <i>Donner Pass</i>
12:00		MCA: Machine Check Architecture <i>Donner Pass</i>	Itanium Firmware (EFI) <i>Monterey</i>			Scaling Linux to 512 Processors and Beyond <i>Cedar</i>	Decimal Floating-Point <i>Siskiyou</i>	
13:00	Lunch & Exhibits Open Sierra & Cascade							
14:00	Common Interconnects for Commodity Clusters <i>Donner Pass</i>		A Systematic Approach to Tuning Software <i>Monterey</i>	OpenMP: Past, Present, and Future <i>Siskiyou</i>		NFS Performance <i>Cedar</i>		
15:00				Extending OpenMP to Clusters for Itanium Systems <i>Siskiyou</i>		Scalability Mini-Track Wrap Up <i>Cedar</i>	Libraries without Assembly Code <i>Donner Pass</i>	
	Afternoon Break & Exhibits Open Sierra & Cascade							
16:00	Numerical Computation Tools for Itanium <i>Donner Pass</i>	Technical and Scientific Computing Performance: Today and Tomorrow <i>Siskiyou</i>	Completing a Successful Migration <i>Monterey</i>				The Itanium Vector Math Library (VML) <i>Cedar</i>	
17:00			Ask the Experts <i>Donner Pass</i>	Update on the Perfmom2 Interface <i>Siskiyou</i>				
18:00								
19:00								
20:00								
21:00								