### Day #1 - 09/18/2012 (Wednesday)
**Time** | **Session**
--- | ---
7:00-7:30 | Breakfast - Fjord III
7:30-9:00 | Multicore and Multithread Optimization: Power-Aware Multi-Core Simulation for Early Design-Stage Hardware/Software Co-Optimization
9:00-10:00 | Power-aware Pre-Compiled Compiler Techniques for Early Design-Stage Hardware/Software Co-Optimization
10:00-10:30 | Break
10:30-11:30 | Power: Fast and Efficient Automatic Memory Management for GPUs using Compiler-Assisted Runtime Coherence Schemes
11:30-12:30 | Power-Efficient Time-Sensitive Mapping in CPU/GPU Heterogeneous Systems
12:30-13:30 | Lunch - Sponsored by Cray - Fjord Ballroom
13:30-14:30 | Performance-Aware Hierarchical Power Budgeting for NoC-Based Multicore Systems
14:30-15:30 | Power-Aware Pre-Compiled Compiler Techniques for Early Design-Stage Hardware/Software Co-Optimization
15:30-16:00 | Break
16:00-17:00 | Best Papers Evaluation of Blue Gene/Q Hardware Support for Transactional Memories
17:00-18:00 | Welcome Reception - Denmark Commons

### Day #2 - 09/19/2012 (Thursday)
**Time** | **Session**
--- | ---
7:00-7:30 | Breakfast - Fjord III
7:30-9:00 | The Changing Role of Supercomputing: Peter Ungaro - Cray Inc.
9:00-10:00 | Compiling to Avoid Communication Bottlenecks: Kathy Yelick - UC Berkeley / Lawrence Berkeley National Lab. / NERSC
10:00-10:30 | Break
10:30-11:30 | Debugging & Error Detection: Visualizing Transactional Memory
11:30-12:30 | Debugging & Error Detection: Probabilistic Diagnosis of Performance Faults in Large Scale Parallel Applications
12:30-13:30 | Lunch - Sponsored by Cray - Fjord Ballroom
13:30-14:30 | Debugging & Error Detection: Sandboxing Transactional Memory
14:30-15:30 | Debugging & Error Detection: Probabilistic Diagnosis of Performance Faults in Large Scale Parallel Applications
15:30-16:00 | Break
16:00-17:00 | Best Papers Making Data Prefetch Smarter: Adaptive Prefetching on POWER7
17:00-18:00 | Welcome Reception - Denmark Commons

### Day #3 - 09/20/2012 (Friday)
**Time** | **Session**
--- | ---
7:00-7:30 | Breakfast - Fjord III
7:30-9:00 | Top500 versus Sustained Performance -- Or the Top Problems with the TOP500 List -- And What to Do About Them: Bill Kramer - NCSA / University of Illinois
9:00-10:00 | Debugging & Error Detection: Runtime Detection and Optimization of Collective Communication Patterns
10:00-10:30 | Break
10:30-11:30 | Debugging & Error Detection: Complexly-Effective Multicore Coherence
11:30-12:30 | Debugging & Error Detection: Coalition Threading: Combining Coalesced and Non-Traditional Parallelism to Maximize Scalability
12:30-13:30 | Lunch - Sponsored by Cray - Fjord Ballroom
13:30-14:30 | Debugging & Error Detection: Coalition Threading: Combining Coalesced and Non-Traditional Parallelism to Maximize Scalability
14:30-15:30 | Debugging & Error Detection: Coalition Threading: Combining Coalesced and Non-Traditional Parallelism to Maximize Scalability
15:30-16:00 | Break
16:00-17:00 | Best Papers Making Data Prefetch Smarter: Adaptive Prefetching on POWER7
17:00-18:00 | Welcome Reception - Denmark Commons

### Day #4 - 09/21/2012 (Saturday)
**Time** | **Session**
--- | ---
7:00-7:30 | Breakfast - Fjord III
7:30-9:00 | Power-aware Pre-Compiled Compiler Techniques for Early Design-Stage Hardware/Software Co-Optimization
9:00-10:00 | Power-aware Pre-Compiled Compiler Techniques for Early Design-Stage Hardware/Software Co-Optimization
10:00-10:30 | Break
10:30-11:30 | Power-aware Pre-Compiled Compiler Techniques for Early Design-Stage Hardware/Software Co-Optimization
11:30-12:30 | Power-aware Pre-Compiled Compiler Techniques for Early Design-Stage Hardware/Software Co-Optimization
12:30-13:30 | Lunch - Sponsored by Cray - Fjord Ballroom
13:30-14:30 | Power-aware Pre-Compiled Compiler Techniques for Early Design-Stage Hardware/Software Co-Optimization
14:30-15:30 | Power-aware Pre-Compiled Compiler Techniques for Early Design-Stage Hardware/Software Co-Optimization
15:30-16:00 | Break
16:00-17:00 | Best Papers Making Data Prefetch Smarter: Adaptive Prefetching on POWER7
17:00-18:00 | Welcome Reception - Denmark Commons

### Day #5 - 09/23/2012 (Sunday)
**Time** | **Session**
--- | ---
7:00-7:30 | Breakfast - Fjord IV
7:30-9:00 | ACM SRC (cancelled)
9:00-10:00 | ACM SRC (cancelled)
10:00-10:30 | Break
10:30-11:30 | ACM SRC (cancelled)
11:30-12:30 | ACM SRC (cancelled)
12:30-13:30 | Lunch - Sponsored by Cray - Fjord IV
13:30-14:30 | ACM SRC (cancelled)
14:30-15:30 | ACM SRC (cancelled)
15:30-16:00 | Break
16:00-17:00 | ACM SRC (cancelled)
17:00-18:00 | ACM SRC (cancelled)