CUP-ECS Annual Review Meeting Agenda

RT/AST/NNSA personnel conference room – Morgan Boardroom

Main event – Mobile Room

Thursday, September 28

Before 8:00 AM	Breakfast at Hotel Capstone
8:00 – 8:40	(RT/AST/NNSA personnel) – Private Meeting
8:50 – 9:00	Introductions – Puri Bangalore, UA
	UA Welcome – Dr. Tim Haskew, Associate Dean for Research and Economic Development, College of Engineering, UA
9:00 – 10:00	Center Director's Welcome and Center Overview – Patrick Bridges, UNM
10:00 – 10:15	Discussion
10:15 – 10:30	Break
10:30 – 10:45	Overview of research activities & accomplishments – Patrick Bridges, UNM
10:45 – 11:20	GPU Point-to-Point Communication - Puri Bangalore, UA
11:20 – 12:00	Benchmarking and Modeling – Patrick Bridges, UNM
12:00 – 12:15	Discussion
12:15 – 1:00	Lunch (Private Lunch for RT)
1:00 – 1:35	Locality Aware Communication – Amanda Bienz, UNM
1:40 – 2:10	Rethinking Communication Abstractions – Tony Skjellum, TTU
2:10 – 2:25	Research Infrastructure ExaMPI – Derek Schafer, UNM
2:25 – 2:45	Education and Outreach – Derek Schafer, UNM
2:45 – 3:15	Discussion
3:15 – 3:30	Break
3:30 – 5:15	Student Poster Session Lightning Introduction – Patrick Bridges

- Jason Stewart – Beatnik: A Prototype High Performance Parallel Interface Benchmark
- Nick Bacon - LogP Modeling of GPU and Datatype Communication
- Gerald Collom - Towards Partitioned Locality Aware Neighborhood Collectives
- Evelyn Namugwanya - Alltoallv Optimization for FFTs
- Nicole Avans - Collective Primitives Benchmarking
- Riley Shipley - MPI Implementation Profiling for Better Application Performance
- Evan Suggs - View-Aware Message Passing Through the Integration of Kokkos and ExaMPI
- Thomas Hines - Pulse Design and Results

5:15 – 6:30	(RT/AST/NNSA personnel) Caucus & generation of questions
6:30 – 8:00	Dinner with all participants at the Lookout Bar and Restaurant located on the 5th floor of Hotel Indigo Tuscaloosa Downtown, 111 Greensboro Ave, Tuscaloosa, AL 35401.

Friday, September 29th

Before 8:00 AM	Breakfast at the Hotel Capstone
8:00 – 8:45	RT Private Meeting
8:45 – 9:30	Center response to questions raised the previous day
9:30 – 9:45	Year 4-5 plans and lessons learned
9:45 –10:00	Discussion
10:00 – 11:30	Private RT deliberations to discuss findings and outline reports
	Discussions between Center management (PI and co-PI) and AST
11:30 –12:00	RT summary of findings for Center management and NNSA
12:00	Review Ends

Bryant Conference Center WiFi

Location of slides and other materials

Center website: https://cup-ecs.github.io/

Presentation slides: https://cup-ecs.github.io/presentations.html