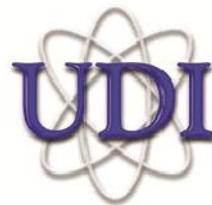


FALL TECHNOLOGY MEETING

GOLD SPONSORS



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Society of HPC Professionals

Fall Technical Meeting

Nov 9, 2011

WesternGeco Conference Center

Thank You!

- **WesternGeco** (Magdy Ishack): Facilities
- **Unique Digital** : Registration Staff
- **ALL SPONSORS** – For making the meeting happen!
- **Panasas** : Catering for Morning and Afternoon Breaks
- **PRESENTERS**: For their time and effort!

Information

- Several of our sponsors have booths set up in the hallway --- go see them ---
- Evaluation form at registration desk – please fill out and leave with us
- We have a new HPC wiki accessible from the website – no content yet, looking for a coordinator/volunteer!
- 2012
 - will continue the monthly webinars
 - will begin monthly round-tables

8:00	Continental Breakfast		
8:30	Welcome and Kickoff	Bill Menger,President SHPCP	SHPCP
8:35	The Missing Middle	Doni Branch, HPC Solutions Architect	Intel
8:40	Energy and Performance Characteristics of Different Parallel Implementations of Scientific Applications on Multicore Systems	Charles Lively, PhD Candidate	Texas A&M
9:20	q/a		
9:30	Intelligent Ethernet Fabrics in HPC	Micah Staggs, Sr. Systems Engineer	Brocade
10:00	q/a		
10:10	BREAK		
10:30	Python in Scientific Computing	Eric Jones, CEO	Enthought
11:10	q/a		
11:20	IT Challenges in supporting Personalized Cancer Medicine	Krishna Sankhavaram, Director, Research Information Services	M D Anderson
11:45	q/a		
12:00	LUNCH		
12:45	Best practices for programming with openMP on NUMA systems	Dr. Joshua Mora, Systems Engineer	AMD
13:15	q/a		
13:25	Parallel Finite Element Earthquake Rupture Simulations on Large-scale Multicore Supercomputers	Dr. Xingfu Wu, TEES Research Scientist	Texas A&M
13:55	q/a		
14:05	BREAK		
14:30	OpenKL a high-level linear algebra framework for portable geoscience	Dr. Theodore Omtzigt, CEO	Stillwater Supercomputing, Inc.
15:00	q/a		
15:10	Hadoop for High Performance Computing	Raanan Dagan, System Engineer	Cloudera
15:40	q/a		
15:50	Alternative Deployment Models for Cloud Computing in HPC Applications	Steve Hebert, CEO	Nimbix
16:20	q/a		