

# CRITICAL FACILITIES ROUND TABLE

## 4<sup>th</sup> Quarterly Meeting of the HIGH DENSITY DATA CENTER COMMITTEE

Dear CFRT Members and Guests,

Please join us at the next HDDC Committee Meeting of the Critical Facilities Round Table. We will meet at AMD in Sunnyvale, CA. We want to express many thanks to John Martin, AMD Data Center Facilities Manager for the hospitality, facilities, refreshments, presentations, and data center access for this great opportunity.

Date and Time: August 11, 2004 between 8:30 AM and 12:00 Noon

Location: Advanced Micro Devices, Commons Building  
991 Stewart Drive  
Sunnyvale, CA  
408-749-4000

Directions: 101 to Sunnyvale/ Lawrence Expressway Exit/ Southwest to Duane/ Right to One AMD Place/Around to rear of Complex to 991 Stewart Commons Building

Come and hear from AMD about their products that help address the needs of increasingly dense computing environments. The agenda is as follows:

- 8:30 a.m. Registration & Continental Breakfast**  
Thanks to AMD for providing today's continental breakfast.
- 9:00 a.m. HDDC Committee business.**  
Dr. Magnus K Herrlin (Chair HDDC) and Mr. Bruce Myatt (Co-Founder CFRT)
- Summary of last Committee Meeting at Intel
  - Meeting Minutes
  - Future Committee Programs
  - Summary of last CFRT Meeting at Network Appliance
  - Report on future CFRT Programs and Committees
- 9:20 a.m. Update: Data Center Standard Work (ASHRAE, BICSI, TIA)**  
Dr. Magnus K. Herrlin
- Our Chair will summarize the ongoing standard work related to high density data centers at ASHRAE, BICSI, and TIA.
- 9:30 a.m. AMD64 with Direct Connect Architecture:  
A Solid Foundation for Dense Computing Environments**  
Mr. Jeff Underhill, AMD  
Americas West - HPC Business Development Manager  
Computational Products Group
- AMD Opteron Processor - Power Advantage**  
Mr. Ed Gasiorowski, AMD  
Director Enterprise Business Development

Jeff and Ed will provide an overview of the AMD Opteron™ and Athlon™ 64 processors with direct connect architecture and power advantage. As computing tasks and associated data sets grow dramatically so does the need for increasingly dense servers and storage. Given the raw I/O bandwidth and low latencies of the AMD64 direct connect architecture it's not difficult to see why it's being so well received in performance computing environments. But can you build real world systems? And more to the point keep them cool enough to provide the reliability required in today's data centers? Sure you can!

**10:45 a.m. AMD Customer equipment Expo (Tentative)**

Selected AMD customers will show some high-end servers. This provides an exceptional opportunity to view the equipment and to ask AMD and their customers the right questions.

**11:30 a.m. A Look at AMD Developer Center**

The AMD Developer Center is a dedicated facility for AMD's software partners and enterprise customers. It provides access to AMD64 systems for application & device driver porting, software optimization, partner benchmarking, and code analysis. It has recently been expanded to include supercomputer clusters based on the 64-bit AMD Opteron processor. Two of the Top 500 supercomputers in the world are now located in the AMD Developer Center.

**Adjournment**

Please bring along your associates and RSVP as soon as possible to [bmyatt@eypmcf.com](mailto:bmyatt@eypmcf.com) or [james.alvers@us.schneider-electric.com](mailto:james.alvers@us.schneider-electric.com).

Looking forward to seeing you there!

Magnus Herrlin, PhD  
Chair HDDC

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