

Critical Facilities Round Table (CFRT)

High Density Data Center (HDDC) Committee Meeting

Dear Members and Guests,

The 8th quarterly HDDC Committee Meeting will take place on October 7, 2005 between 8:30 a.m. and 12:00 noon. Our host for this meeting will be **Quanta Laboratories** in Santa Clara, a leading environmental/mechanical testing and consulting laboratory.

Dr. Hong-sun Liu, President of this 20-year old company will lead us on journey through the world of Environmental Stress Screening (ESS), a powerful tool used to precipitate weaknesses in product design, components, and manufacturing processes. Among their many testing protocols, Quanta conducts NEBS compliance testing, as well as many special tests including temperature/humidity, vibration, seismic, and shock, all tests that most if not all electronic equipment being hosted in our data centers will have undergone. The results of these tests affect the environmental and operational specifications that accompany our equipment. Quanta Labs also provide environmental/mechanical testing in key Chinese cities.

Following the presentation, Quanta will provide a tour of their testing facilities, a not-to-be-missed event. **Due to the nature of a testing laboratory, this meeting is limited to 40 people.**

The meeting will take place at the Corporate Headquarters of Quanta Laboratories, located at 3199 De La Cruz Blvd in Santa Clara. Directions to the site are as follows:

From East Bay:

880 South
Exit Montague West
Left on Trimble Road heading NE
Right on De La Cruz Blvd
1st signal light Right on Laurelwood
Quanta Laboratories is at the Corner of De La Cruz and Laurelwood

From Peninsula:

101 South
Exit Trimble Road heading NE (do not take De La Cruz Exit)
2nd signal light Left on De La Cruz Blvd
1st signal light Right on Laurelwood
Quanta Laboratories is at the Corner of De La Cruz and Laurelwood

From South Bay

101 North
Exit Trimble Road heading NE (do not take De La Cruz Exit)
1st signal light Left on De La Cruz Blvd
1st signal light Right on Laurelwood
Quanta Laboratories is at the Corner of De La Cruz and Laurelwood

Note: If the parking lot is full, you can park on the street or across the street in front of Caboodle Cartridge.

AGENDA

8:30 a.m.

Light Breakfast

Thanks to Quanta for providing today's breakfast

9:00

HDDC Committee Business

Dr. Magnus K. Herrlin and Mr. Bruce Myatt

- Summary of last HDDC meeting at NERSC
- Meeting Minutes
- Future HDDC programs
- Summary of last CFRT meeting
- Summary of future CFRT programs

9:45

Welcome to Quanta Laboratories

Dr. Hong-sun Liu

Environmental Stress Screening (ESS)

This is an introduction to Quanta's Production Line ESS product, a powerful tool to precipitate weaknesses in product design, components, and manufacturing processes.

11:15

Tour of Quanta Laboratories

We will be shown a myriad of "torture" equipment, including thermal, solar radiation, humidity, vibration, seismic, salt fog, and shock.

12:00

Adjournment

Hope to see you there!

Dr. Magnus K. Herrlin
Chair HDDC
Principal
ANCIS Incorporated
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Plan to attend? Please email:

Mr. James Alvers
Secretary HDDC
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