

FHPCA Technology Leaders Lunch

Date : Tuesday 29th May 2007

Location: Dynamic Earth, Edinburgh

Time: 12:30 - 14:00

****FREE to FHPCA partners & invited guests****

FHPCA events provide opportunities for professionals to meet, exchange views and debate relevant issues in an informal and relaxed setting.

Lunch Theme

Field Programmable Gate Arrays (FPGAs) are rapidly evolving. The FHPCA (FPGA High Performance Computing Alliance) has spent the past two years developing a supercomputer built using Field Programmable Gate Array (FPGA) chips instead of conventional microprocessors. The system called Maxwell is more powerful and efficient than a conventional system of a similar size and its power had already been demonstrated by porting three numerically intensive applications from the oil & gas, financial and medical imaging sectors.

About the FHPCA

Established during 2004, the FHPCA High Performance Computing Alliance is dedicated to the use of Xilinx FPGAs to deliver new levels of computational performance for real-world industrial applications. The Alliance is led by EPCC, the supercomputing centre at The University of Edinburgh and is funded by Scottish Enterprise, building on the skills of Nallatech Ltd, Alpha Data Ltd, Xilinx Development Corporation, Algotronix and ISLI.

For further information go to: www.fhPCA.org.

Who should attend?

If you are already familiar with the FHPCA and have attended our events in the past, then this is an excellent opportunity for you to be brought up-to-speed with FHPCA developments. If you are new to the FHPCA and its work, you'll discover what's happening within the FPGA industry today and find out how the technology could have a positive effect on your business and products.

The FHPCA is keen to work with local organisations, and with the recent launch of Maxwell, we are now able to offer companies access to the system for prototyping.

Colin Urquhart of Dimensional Imaging Ltd, a young Scottish company who specialises in 3D digital imaging and model creation said:

"Working with the FHPCA has introduced Dimensional Imaging to a new technology which offers the potential to increase significantly the speed of our advanced image processing algorithms. In the future we hope this will enable new products and sales for the company".

Agenda

12:30 - 13:15	Buffet Lunch & Networking
13:15 - 13:45	Presentations
13:45 - 14:00	Questions

How to register

Please contact Maureen Wilkinson - email m.wilkinson@epcc.ed.ac.uk or tel 0131 650 5027

