

Electrical and Computer Engineering Colloquium Reminder (New Time!!!)

Title: The Next Revolution in Computer Systems Architecture
Speaker: Richard Oehler, Vice President, Corporate Fellow and Chief Technology Officer of AMD
When: Wednesday, March 28, 2007, 12:30 – 1.30 pm
Where: Ball Building, Room 210

Abstract: Computer systems architecture is going through a major re-thinking. Constraints from form factors to scaling, power/cooling and system balance have overwhelmed current designs. This talk will discuss these reasons and a few others that have caused this to happen, what some of the new design ideas/parameters are, how they will manifest themselves in systems in the not too distant future and what more needs to be done before there is a new stable base.

Biography: Richard Oehler joined AMD as Corporate Fellow in March 2005. He has 40 years of outstanding achievement and innovation in the enterprise computing arena, most recently as Chief Technology Officer for Newisys. He is renowned in the semiconductor industry for his groundbreaking work in microprocessor architecture, symmetric multiprocessing and mission-critical systems design. He had a distinguished 30-year career at IBM, during which he was given the honor of being named IBM Fellow and was responsible for landmark industry achievements, including the first RS/6000 processor — for which he was the architectural leader — and the PowerPC processor. InfoWorld Magazine named Mr. Oehler the 2003 InfoWorld Innovator. He holds a BA in Mathematics from St. Johns University in New York.

Coffee and cookies will be served, starting from 12:15 pm. So, come early and treat yourself to some refreshment while it lasts!

For more information, contact Oliver Ibe, oliver_ibe@uml.edu, or call 978-934-3118.