SE&T Colloquium Series-Fall 2011

Speaker	Dr. Jürg Gutknecht Department of Computer Science ETH Zürich Host: Dr. Alan Freed
Title	***Some Thoughts on Post-von-Neumann Computing***
Abstract	There is no such thing as a general purpose parallel computer. What will be needed instead is a holistic approach to application-aware hardware/software co-design. We report on our experience with an experimental programming model called "Active Cells" that we have developed in the context of a Microsoft innovation cluster for embedded systems development. The vision behind it is writing an entire system in an abstract programming language and then pushing a symbolic button to fully automatically create a synthesized description of both the hardware architecture and the business logic.
Date	Tuesday, November 1
Time	4:10-5:00pm
Place	Pioneer 240 Refreshments will be served at 4:00pm.