

**From the IBM PS/2 Computer to the Smartphone:
A Perspective of the Computing Revolution from the Trenches**

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Abstract:

This talk will cover the technological and economic changes that enabled the computing revolution for the past 35 years focusing on the last 25. In particular, I will discuss how AMD's innovations and products impacted those changes from the K5 to Ryzen and Radeon to the APU.

AMD is a publically held company (NYSE: AMD) headquartered in Sunnyvale, CA with 10 major design centers in countries including Canada, China, and India. AMD is a Fortune 500 company with approximately 10,000 employees worldwide and approximately \$5 billion in revenues for 2017. AMD products are sold at Target, Costco, Best Buy and other major retailers.

About the Speaker:

Sam is a Principal at AMD and is responsible for developing methodologies using next generation technologies for System on a Chip (SOC) Physical Design (PD) teams. For a particular chip, he has the responsibility of implementing the chip from RTL (register transfer level) to GDS and subsequent release to a foundry for manufacturing.

Before joining AMD, Sam held technical and management positions at Montalvo Systems, ATI, ArtX and SGI. He has a Ph.D. in Electrical Engineering from the University of Washington.

Next week:

John Schneider, Jive Software, "Strategy Development and Leadership"
"Term Paper, Part B" assignment handed out to the class