John Miethke

Principle Member of Technical Staff, Product Development Engineering

" When I look back at my 30+ year career in semiconductor, it is astonishing what we have accomplished. When I started the personal computer did not even exist. Now we can much faster and powerful machines in the palms of our hands."

1. Tell us about yourself and your role at AMD.

My name is John Miethke. I graduated from Purdue University a long time ago. I currently manage a small team of engineering analysts that figure out why some of the chips that we make don't work properly. Think of Sherlock Holmes types of detectives for defects in chips.

2. What was your favorite subject in school growing up?

I was a Math wizard. I could add, subtract, multiply and divide numbers faster than anyone else only using my head.

3. What do you like about working in semiconductors?

When I look back at my 30+ year career in semiconductor, it is astonishing what we have accomplished. When I started the personal computer did not even exist. Computers were these big scary machines that took up whole rooms. Now we can much faster and powerful machines in the palms of our hands. We just call them smart phones. Semiconductors also enable this thing called the internet. Can you image life without it. No Google. No Snapchat. No YouTube. I have seen so much advancement in technology over my career, it makes me wonder what 2050 will be like.

4. What do you like about being an engineer at AMD?

I get to work on the most advanced semiconductor technologies and even wear shorts while I do it.

5. What advice would you like to give students who want to pursue a career in STEM?

Do not worry about being called a Nerd. 25 years from now, they will all want to be like you.