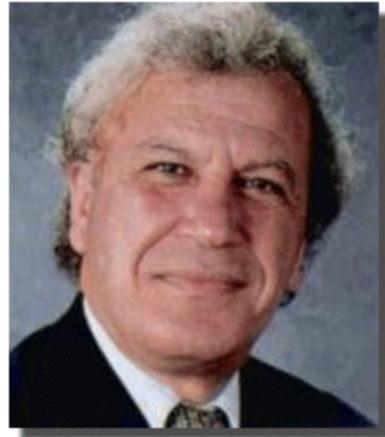


## **Anthony G. Constantinides**

Head  
Communications and Signal  
Processing Group  
Department of Electrical and  
Electronic Engineering



### **Personal Profile**

I left Cyprus in 1959 to come to Britain to study. I studied engineering with mathematics and in 1967 I finished my PhD on digitalization and processing of digital signals. One of my teachers then entrusted me to design a signal analysis system which back then was of course analog. Although he insisted that I had to use conventional methods, I chose to work with what was then thought of as modern, namely digital computers. Following time in the USA where I developed this technology further, I ended up at the Imperial College 40 years ago, where I was given my own department. He has since been featured on the popular cartoon series the Simpsons

### **Research Profile**

Every 3 years we observe major changes in technology and we have to rearrange our labs and move on to new investments. Industry on the other hand moves step by step. As a result, while science at the universities moves forward in giant steps, industry moves at snail pace. There are of course other reasons why industry moves at a slow pace. As the changes in society are so rapid, we wouldn't be able to follow up and make the best of circumstances if we were to move at the pace of scientific research. There has to be an adaptation period, even for us, as even we don't know how our research will affect society. The next generation of systems I think will be intelligent and smart systems. They will be able to improve the input and adjust it automatically.

### **Other interests**

I want to spend every second of my spare time with my 2-year-old grandson. I taught myself the guitar. I am also interested in archaeology and I teach it at the University of London which gives me great pleasure. Science occupies the right-hand-side of my brain and archaeology the left-hand-side...

## Relevant Links or info

Further information about Prof Costantinides work, view  
<http://www.commsp.ee.ic.ac.uk/~agc/>