

## ***Listen to the complete interview: Robert Calderbank***

[Professor of Electrical Engineering and Applied Computational Mathematics](#)  
[Department of Electrical Engineering](#)  
[Princeton University](#)

[Former Vice President of Research](#)  
[AT & T Bell Labs](#)

### **Introduction Track: Keywords / Phrases**

- Engineering
- Mathematics
- Princeton University
- AT & T
- Bell Labs
- Hi-speed modems
- Signal processing patents
- Cite
- Academia
- Laptop

*All sample questions are designed in order to apply internet search as a basis for exploring and discovering new information.*

### **Sample Questions**

- Professor Calderbank used to run the research laboratory at AT & T Bell Labs (Bell Laboratories). What information are you able to find of the importance of Bell Labs? Describe at least three significant research discoveries which occurred at this laboratory over its many years of existence.
- What does Professor Calderbank say about hi-speed modems and the modern day application of this technology? What additional information are you able to find on the web about hi-speed modems. Provide at least three reliable sources.
- Professor Calderbank is responsible for a host of patents related to signal processing. What information are you able to find about signal processing and how they relate to computers? Provide at least three reliable sources.
- What is a patent? Why is it important to furthering innovation?