

## 2016 IEEE EDS Robert Bosch Award

### Acceptance Speech by Henry Baltes

Dear Audience, first and foremost: Please forgive Dr. Wang the exaggerations of his praise of my achievements. And please forgive my vanity, because I did enjoy every word of it.

In France they say that at age 40 you should become serious and move from drinking Burgundy wine to drinking Bordeaux. In Schwaben, Germany, home of **Robert Bosch**, they say that age 40 is your last chance to become smart. If you miss that, you stay dumb for the rest of your life. I was 40 when I moved from physics to engineering, notably from optics to silicon microsystems, and joined the IEEE.

That was a good move! But I needed a lot of help to get started. And I got it, notably from American colleagues, such as Richard Muller and Kurt Petersen. Richard's book introduced me to devices for integrated circuits. Kurt alerted me to the mechanical blessings of silicon. Simon Middelhoek from Delft and Jay Zemel from Philadelphia pointed me to microtransducers. Next I got a lot of support from my PhD students and Postdocs -- who did the technical work and were able to do so thanks to their timely education.

This is a good moment to thank all of them -- and many others -- for their generosity. And this is the moment to thank the Electron Device Society and its President Albert Wang for the Robert Bosch Award.

Thank you all so much!

