

- Professor, Department Chair, Electrical and Computer Engineering - Electrophysics
- Ph.D. in Physics, University of Cambridge (1983)
- Inventor of hot electron spectroscopy
- Created the first microdisk laser

### Research interests

- Adaptive classical and quantum design of small systems
  - Device and mixed signal circuit design
  - Optimization
    - Non-intuitive design and discovery
  - Device physics at the classical-quantum boundary
- System engineering and integration
  - High performance electronics
    - Interconnects
    - Optimization in system design

