

Dr. Robert S. Chau
Intel Senior Fellow
Director of Transistor Research and Nanotechnology
Intel Corporation

Phone: 503-613-6141

E-mail Address: robert.s.chau@intel.com

Autobiography

Dr. Robert S. Chau is an Intel Senior Fellow, the company's highest and most prestigious technical position, and the Director of Transistor Research and Nanotechnology at Intel Corporation. He is responsible for directing research and development in advanced transistors and gate dielectrics, process modules and technologies, and integrated processes for microprocessor applications. He is also responsible for leading research efforts in novel electronic materials and emerging nanotechnologies for future nanoelectronics applications. Dr. Chau holds more than 120 issued United States patents, has received six Intel Achievement Awards and 13 Intel Logic Technology Development Division Recognition Awards, was recognized by *IndustryWeek* in 2003 as one of the 16 "R&D Stars" in the United States who "continue to push the boundaries of technical and scientific achievement", and is currently a member of the Board of Directors of the Oregon Nanoscience and Microtechnologies Institute (ONAMI) in the U.S. and a member of the Scientific Advisory Board of the Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN) in Ireland. He received his B.S., M.S. and Ph.D. degrees, all in electrical engineering, from The Ohio State University, Columbus, Ohio. Dr. Chau has been elected a Fellow of the Institute of Electrical and Electronics Engineers (IEEE). He was the recipient of the 2003 Alumni Professional Achievement Award from The Ohio State University.