

CV: Mark S. Lundstrom

AFFILIATION:

School of Electrical and Computer Engineering
Purdue University
West Lafayette, IN 47907



PROFESSIONAL PREPARATION:

1973 BEE, University of Minnesota, Minneapolis, MN
1974 MSEE, University of Minnesota, Minneapolis, MN
1980 Ph.D., Purdue University, West Lafayette, IN

PROFESSIONAL EXPERIENCE

2002 - Founding Director, NSF Network for Computational Nanotechnology
2001 - Don and Carol Scifres Distinguished Professor, Purdue University
1989-1993 Director, Optoelectronics Research Center, Purdue University
1991-1994 Assistant Dean of Engineering, Purdue University
1988-2000 Professor, Electrical Engineering, Purdue University
1984-1988 Associate Professor, Electrical Engineering, Purdue University
1980-1984 Assistant Professor, Electrical Engineering, Purdue University
1977-1980 Graduate Instructor / Research Assistant, Purdue University
1974-1977 Member of the Technical Staff, Hewlett-Packard, Co., Loveland, CO

RESEARCH INTERESTS:

The physics of electronic devices, especially nanoscale transistors and novel devices for computing and energy conversion. Lundstrom's focus is on using theory, modeling, and simulation to explore and understand new devices and to establish ultimate and practical limits.

RECOGNITION:

- Member of the U.S. National Academy of Engineering, 2009
- IEEE Electron Devices Society Education Award, December, 2006
- Fellow of the American Association for the Advancement of Science, October, 2006
- IEEE Distinguished Lecturer, Electron Devices Society, 2004 - present
- Semiconductor Industry Association University Researcher Award, 2005
- IEEE Cleo Brunetti Award, 2002 (with S. Datta)
- Semiconductor Research Corporation Technical Excellence Award, 2002 (with S. Datta)
- Fellow of the American Physical Society, 2001
- A.A. Potter Best Teacher Award, Schools of Engineering, Purdue, 1996
- D.D. Ewing Best Teacher Award, Electrical and Computer Engineering, Purdue, 1995
- Fellow of the Institute of Electrical and Electronics Engineers (IEEE), 1994
- American Society for Engineering Education Frederick Emmons Terman Award, 1993