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Professor Linda Petzold Awarded SIAM-ACM Prize in Computational Science and Engineering



Computer Science and Mechanical Engineering Professor Linda Petzold has been selected to receive the 2013 Prize in Computational Science and Engineering from the Society for Industrial and Applied Mathematics (SIAM) and the Association for Computing Machinery (ACM).

The CS&E prize is awarded biennially jointly by SIAM and ACM for outstanding research contributions to the development and use of mathematical and computational tools and methods for the solution of science and engineering problems.

"Professor Petzold is a role model for achievement in research, teaching, and service," commented Rod Alferness, Dean of the College of Engineering. "Her contributions have been a vital element in the dramatic growth in excellence and national recognition for the College of Engineering in recent years."

Professor Petzold is the Director of the Computational Science and Engineering graduate program at UCSB. Her research group concentrates on computational science and engineering, and in particular simulation, sensitivity analysis, design optimization, optimal control and problem solving environments for systems described by differential-algebraic equations and partial differential equations.