USC Viterbi School of Engineering
Centennial Lectures

2005

NOVEMBER 9  The Future of Industrial Engineering: Shop Floors to Factories to Supply Chains to Enterprises
William Rouse, director, Georgia Institute of Technology Tennenbaum Institute
hosted by the Daniel J. Epstein Department of Industrial and Systems Engineering

2006

JANUARY 26  Fueling the Future: Opportunities and Challenges in Energy and the Environment
Lynn Orr, Keleen and Carlton Beal Professor of Petroleum Engineering and director, Global Climate and Energy Project, Stanford University

Molecular Mechanics of Bone Fracture
Paul Hansma, professor, Department of Physics, UC Santa Barbara
hosted by the USC Mork Family Department of Chemical Engineering and Materials Science

FEBRUARY 1  The Newtonian Revolution: Interaction of Mathematics with High Technology
Rudolph E. Kalman, professor emeritus, ETH, Zurich
hosted by the Department of Aerospace and Mechanical Engineering

FEBRUARY 17  The Future of Microprocessor Architecture
John Hennessy, president, Stanford University
hosted by the Department of Computer Science

MARCH 7  The Turning Point for Engineering: Can We Adapt?
G. Wayne Clough, president, Georgia Institute of Technology
hosted by the Department of Civil and Environmental Engineering

MARCH 9  The Viterbi Lecture: Information Exchange Among Neurons in Sensory Cortex
Toby Berger, professor, Department of Electrical and Computer Engineering, University of Virginia
hosted by the Department of Electrical Engineering

MARCH 31  The Promise of Emerging Technologies in 21st Century Medicine
Roderic Pettigrew, director, National Institute of Biomedical Imaging and Bioengineering/NIH
hosted by the Department of Biomedical Engineering

APRIL 5  The Impact of U.S. High Technology National Defense Strategy on Engineering Education
James Roche, former Secretary of the U.S. Air Force
hosted by the Systems Architecture and Engineering Program