JOHN P. MCGOVERN LECTURESHIP IN BIOMEDICAL COMPUTING AND IMAGING

Computational Bio- and Nanoscience

Klaus Schulten, Ph.D.

Swanlund Professor of Physics
Beckman Institute
University of Illinois at Urbana-Champaign

Understanding life from its molecular foundation to the cellular, organ, and organism levels complements the practice of medicine. In answering the most basic questions about organisms, biomedical researchers import methods and concepts from the physical sciences that encompass novel experiments and mathematical descriptions. Klaus Schulten and his coworkers exploit advances in physical theory and computing to model organisms across many levels of organization, from molecules to cells to networks. During the past decade, they have pioneered the modelling of very large biomolecular structures. Klaus Schulten received his Ph.D. from Harvard University in 1974. He is Swanlund Professor of Physics and is also affiliated with the Department of Chemistry as well as with the Center for Biophysics and Computational Biology at UIUC.

Drinks and snacks complimentary

DATE: **Wednesday, December 1, 2004**
TIME: **4:00PM – 5:30PM**
PLACE: **Trevisio Restaurant, 6th floor,**
John P. McGovern Medical Center Commons,
6550 Bertner Ave., Houston, TX 77030

Parking in the Commons will be validated by Trevisio Restaurant
For information contact Dr. Yao Cong at 713.500.3981

THE UNIVERSITY of TEXAS
SCHOOL OF HEALTH INFORMATION SCIENCES AT HOUSTON
A part of The University of Texas Health Science Center at Houston

deus ex biomachina
biomachina.org