

UNIVERSITY *of* PENNSYLVANIA

Computer & Information Science Department

Emerging Computational Architectures

Fall 2007 Lecture Series

Wu & Chen Auditorium, 3-4pm

“Future CPU Architectures: The Shift from Traditional Models”

Doug Carmean

Chief Architect, Visual Computing Group, Intel

Tuesday, October 2nd

“Life, Death, and Video Games: Revisiting High-Performance Chip Architecture”

Sanjay J. Patel

Chief Architect, AGEIA Technologies

Associate Professor, University of Illinois at Urbana-Champaign

Tuesday, November 6th

“A Computational Microscope for Molecular Biology: Coupling Algorithms and Architecture to Simulate Proteins on Millisecond Time Scales”

Ron Dror

Senior Research Scientist, D. E. Shaw Research

Tuesday, November 13th

“Ubiquitous Compute Acceleration”

Lars Nyland

Senior Architect, NVIDIA Corporation

Tuesday, November 27th

For talk abstracts, speaker bios, and updated information visit our website:

www.cis.upenn.edu/acg/seminar/

or contact: Professor Milo Martin - milom@cis.upenn.edu or

Professor Amir Roth - amir@cis.upenn.edu