



HPCA-11

11th International Symposium on High-Performance Computer Architecture

Palace Hotel, San Francisco, February 12-16, 2005

HPCA Industrial Perspectives Panel:

"New Opportunities for Computer Architecture Research: An Industrial Perspective"

Tuesday February 15th, 4:00-6:00pm

High-performance computer architecture is in critical need for focus, perhaps now more than ever. The underlying technology is presenting significant roadblocks for next generation designs. The applications used by mainstream researchers are out of synch with those used by the real world. The potential impact of our work seems to be uncertain. Despite this, there are some excellent opportunities out there. Several prominent industrial system designers will provide their perspective on challenges, visions, and opportunities for computer architecture research.

Organizers: Wen-Mei Hwu, *University of Illinois*
Sanjay J. Patel, *University of Illinois*

Panelists: Tim Chou, *Oracle*
Peter Hofstee, *IBM*
Emmett Kilgariff, *NVIDIA*
Chuck Moore, *AMD*
Justin Rattner, *Intel*