Welcome New Arrivals ... Harvard freshman considering concentrating in one of our three areas may want to consult our directors of undergraduate study during their office hours, check in with the Academic Office (Pierce Hall 110/111), or consult with Assistant Dean Marie Dahleh or 5-1455. Current students should check out the new courses.

A Model Computer Scientist ... Radhika Nagpal and colleagues walk the line between computer science and biology with ease, as their latest Nature paper, "The emergence of geometric order in proliferating metazoan epithelia" showcases. A review of the paper in Cell put it this way: "[the authors] have enabled us to appreciate a pattern where none was previously apparent, and their result is elegant in its simplicity."

Laser Nano Antenna ... Engineers and applied scientists from Harvard University have demonstrated a new photonic device with a wide range of potential commercial applications, including dramatically higher capacity for optical data storage. Termed a plasmonic laser antenna, the design consists of a metallic nanostructure, known as an optical antenna, integrated onto the facet of a commercial semiconductor laser. Nature Network Boston reported: "Nanoantenna puts laser light on the spot."

Events

Thursday, September 14, 2006
7:15 pm - 9 am  NASA Astronaut Stephanie Wilson ’88

Friday, September 15, 2006
4 pm - 6 pm  DEAS Student/Faculty BBQ

Thursday, September 21, 2006
4 pm - 5 pm  Challenges in Large-Scale Multidisciplinary Simulations (Michael Heath)

Friday, September 22, 2006
4 pm - 5:15 pm  George Barbastathis: "3D Optics"

Thursday, September 28, 2006
4 pm - 5 pm  (Jeff Chase)

Friday, September 29, 2006
4 pm - 5:15 pm  David Pine: "Reciprocating Balls and the Chaotic Transition to Irreversibility"

Thursday, October 5, 2006
4 pm - 5 pm  Selective Use of Multiple Sources of Robot Sensory Information (Manuela Veloso)

Friday, October 6, 2006
4 pm - 5:15 pm  Grigory Barenblatt: "Mathematical models of hurricanes, dust storms & similar natural phenomena"

Thursday, October 12, 2006
4 pm - 5 pm  Honeynets and Honeygames: A Game Theoretic Approach to Defending Network Monitors (Jin-Yi Cai)