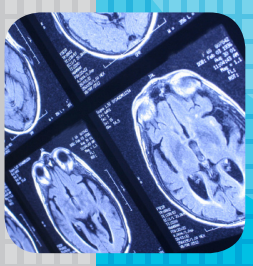
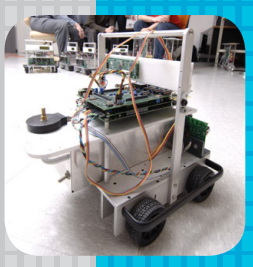
Need for Speed

Emerging Applications for Parallel Computing





A Parallel@Illinois Seminar Series

January through May 2009

More powerful parallel processors. Real-time MRIs. Ultra-realistic virtual environments. And autonomous intelligent vehicles. As we cruise along the trendlines forecast by Moore's Law, new applications emerge that push computing into new territory and spawn new research, technology, product, and commercialization opportunities.

In the Need for Speed Seminar Series, world-class applications experts and researchers discuss what increased computing performance means for their fields. Hailing from academia and industry, these experts will help forecast breakthroughs in their areas enabled by the rapid advances in computing performance per dollar, performance per watt, or storage capacity provided by Moore's Law.

This series, organized by Profs. Wen-mei Hwu and Sanjay Patel, is a forum to bring together applications specialists and parallel computing experts to discuss the technology roadmaps enabled by parallel computing.

Join us in person or watch seminars on-line through our live webinar.

Jan. 28	David Kirk, Keynote, NVIDIA
Feb. 4	Mark Hasegawa-Johnson, Speech, Illinois
Feb. 11	Sam Blackman, Elemental Technologies
Feb. 18	Keith Thulborn, Medical Imaging, UI-Chicago
Feb. 25	Dan Roth, Machine Learning, Illinois
March 4	Narendra Ahuja, Computer Vision, Illinois
March 11	Stephen Boppart, Medical Imaging, Illinois
March 18	TBD
April 1	TBD
April 8	TBD
April 15	Tom Huang, Computer Vision, Illinois
April 22	Tim Sweeney, Gaming, Epic Games
April 29	TBD
May 6	TBD

Need for Speed Seminar Series
Wednesdays at 4pm

Room B02
Coordinated Science Laboratory
1308 W. Main Street
Urbana

Watch Need for Speed seminars LIVE at
http://www.parallel.illinois.edu/seminars/speed/index.html

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