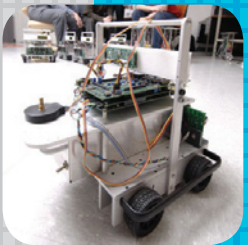
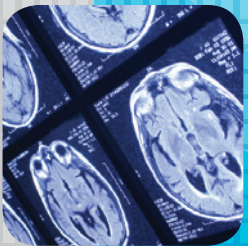


Need for Speed

Emerging Applications for Parallel Computing

A Parallel@Illinois Seminar Series

January through April 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.

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- Jan. 28** **David Kirk**, Special Keynote, NVIDIA
-
- Feb. 4** **Mark Hasegawa-Johnson**, Speech, Illinois
-
- Feb. 11** **Sam Blackman**, Video, Elemental Technologies
-
- Feb. 18** **Keith Thulborn**, Medical Imaging, UI-Chicago
-
- Feb. 25** **Dan Roth**, Natural Language Processing, Illinois
-
- March 4** **Narendra Ahuja**, Computer Vision, Illinois
-
- March 11** **Stephen Boppart**, Medical Imaging, Illinois
-
- March 18** **John C. Hart**, Graphics, Illinois
-
- April 1** **Nikola Bozinovic**, Video Processing, MotionDSP
-
- April 8** **Mark Johns**, Mobile Gaming, Tapulous
-
- April 15** **Tom Huang**, Video Processing, Illinois
-
- April 22** **Tim Sweeney**, Gaming, Epic Games
-
- April 29** **Seth Hutchinson**, Robotics, Illinois
-

Need for Speed Seminar Series
Wednesdays at 4:15 p.m. CT

Room B02
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