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## IDH News Fall 2011

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### SC11 Boasts High Georgia Tech Participation in Technical Program

Georgia Tech leveraged its strengths in high performance computing Nov 12-18 at the SC11 conference in Seattle, with a strong showing in the technical program and through faculty members building on current research partnerships and collaborations.

More than 10,000 attendees in industry, academic research and government came to experience the latest developments in Big Data and high performance computing at SC11, the international conference for HPC, networking, storage and analysis.

Georgia Tech faculty and graduate students led or took part in at least 20 activities within the technical program at the SuperComputing conference, one of the largest industry tradeshows Georgia Tech attends. More than 40 faculty, students and staff attended the event.

"Georgia Tech excels at solving Big Data problems that are emerging in health informatics, business analytics, social media, and national security," said David A. Bader, professor of computing and executive director of high performance computing. "Solving real-world problems is the hallmark of our School of Computational Science and Engineering, and our accomplishments in this area received recognition at SC11."

In the technical program, the Graph500 announcement, in which Bader unveiled the ranking of the world's fastest supercomputers, was standing-room-only; and the GT-hosted Intel machine, mirasol, came in at No. 19 on the list. Aparna Chandramowlishwaran's George Michael HPC Fellow presentation engaged a large audience with a high level of interaction afterwards.

Georgia Tech's booth included a continuous presentation on four monitors of more than 60 current research initiatives in which faculty members are involved. The research highlighted the comprehensive and interdisciplinary approach at Georgia Tech in tackling a broad range of application areas in massive data and high performance computing.

For a full roster of Georgia Tech participation in SC11, visit the GT@SC11 website ([sc11.gatech.edu](http://sc11.gatech.edu)).

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