

A new, special initiative at SC|05, HPC Analytics will highlight rigorous and sophisticated methods of data analysis and visualization used in high performance computing by showcasing powerful analytics applications solving complex, real-world problems. The primary goals for the HPC Analytics initiative are:

◆ **HPC ANALYTICS**

There is a call for HPC Analytics submissions for various SC|05 Technical Programs such as technical papers, tutorials, Birds of a Feather sessions, panels, posters and workshops. To learn more about submitting your applications, go to <http://sc05.supercomp.org/programs/technical-program.php>

◆ **HPC ANALYTICS CHALLENGE**

The HPC Analytics Challenge is an award competition honoring select technical and commercial applications that use leading-edge analytics techniques to solve complex, real-world problems. The growing need to leverage large amounts of underutilized data has led to the use of sophisticated methods for analysis and high-end visualization in conjunction with high performance computing, bandwidth and networking capabilities. The HPC Analytics Challenge is a unique opportunity for researchers, engineers and analysts to showcase innovative techniques of rigorous data analysis (e.g. forecasting, data mining, optimization, predictive analysis) and high-end visualization (e.g. dynamic modeling, real-time rendering). Join prestigious analytics gurus from around the world to demonstrate your superior HPC analytics application.

Learn more about the HPC Analytics Initiative and the HPC Analytics Challenge -- a new and exciting competition. <http://sc05.supercomputing.org/initiatives/hpc-analytics.php>

Looking for general information about the SC|05 Conference? Check out <http://sc05.supercomputing.org>

"I expect HPC Analytics to be one of the most exciting initiatives at SC|05", said Bill Kramer, SC|05 General Chair of the conference. "HPC Analytics adds to the significance of SC|05's HPC Computing, Network and Storage efforts, bringing these resources together while adding sophisticated analysis methods to solve some of societies' most challenging problems."

Contributors:




2005 SCHEDULE ◆ **Dates to Remember for the HPC Analytics Challenge**

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<i>April 18:</i> Notice of intent to participate in the HPC Analytics Challenge		<i>May 23:</i> Application due for HPC Analytics Challenge		<i>Aug 1:</i> Completed entry due for HPC Analytics Challenge		<i>Sept 1:</i> Winning entries notified to begin preparation for presentation at SC 05				<i>Nov 12-18:</i> Presentations by HPC Analytics Finalists at SC 05. Winners publicly announced. Various SC 05 Technical Programs featuring HPC Analytics.	