

PRESS RELEASE



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HPC Advisory Council Reaches Publication of over 150 Best Practices and Guidelines for a Wide-Variety of HPC and Cloud Applications

SC11, Seattle, WA. – Nov 14, 2011 – The HPC Advisory Council, a leading worldwide organization for high-performance computing research, development, outreach and education, today announced it has reached over 150 [best practices](#) and [installation guidelines](#) for over 40 high-performance applications. The HPC Advisory Council provides best practices and installation guidelines which, through experience and research, have shown to improve clustering and applications efficiency, scalability and productivity.

“The Council’s best practices result in faster simulations, quicker time-to-market for consumer-based products, ease-of-use for IT staff when setting up and maintaining clusters, and are expected to maximize the return on HPC infrastructure investments,” said Gilad Shainer, chairman of the HPC Advisory Council. “In just over three years, the Council has become a valuable resource for IT end-users who require open source or commercial HPC and cloud-based application performance guidelines and best practices for some of their most important networking and infrastructure purchasing decisions. We welcome new application best practices suggestions from the HPC community and look forward to continually enriching our publication database.”

The HPC Advisory Council, with its large library of best practices and guidelines, is providing the HPC end-user community valuable information to improve their system and application usage. Such applications include, but not limited to, automotive design, weather forecasting, chemical and biological interactions, crash simulations, and

atmospheric research. For more information, please visit the [HPC Advisory Council Best Practices website](#).

Visit the HPC Advisory Council at SC11 (Nov 14-18, 2011)

Visit the HPC Advisory Council at booth #853 to learn more about the organization's worldwide HPC training, best practices, workshops and educational outreach programs. In addition, find out more about how you and your organization can join the growing list of companies and end-user organizations in the HPC Advisory Council.

The HPC Advisory Council will also present at the following SC11 sessions:

- Tue. Nov. 15 at 5:30 PM, together with CSCS, room TCC 101 "Parallel Communication, I/O and Storage Interfaces for Accelerators: HPC Advisory Council Special Interest Group"
- Wed. Nov. 16 at 12:15 PM, room TCC 101 "HPC Advisory Council University Awards"
- Thu. Nov. 17 at 3:30PM, room 613/614, "The HPC Advisory Council Outreach and Research Activities"

Supporting Resources:

- [Application Best Practices and Benchmarks](#)
- [Intel Cluster Ready Installation Guides](#)
- Connect with the HPC Advisory Council on [Twitter](#) and [Facebook](#)

About the HPC Advisory Council

The HPC Advisory Council's mission is to bridge the gap between high-performance computing (HPC) use and its potential, bring the beneficial capabilities of HPC to new users for better research, education, innovation and product manufacturing, bring users the expertise needed to operate HPC systems, provide application designers with the tools needed to enable parallel computing, and to strengthen the qualification and integration of HPC system products. For more information about the HPC Advisory Council, please visit www.hpcadvisorycouncil.com.

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