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October 24, 2001

Dr. Nathaniel Pitts
National Science Foundation
Director, Office of Integrative Activities
4201 Wilson Boulevard
Arlington, Virginia 22230

Dear Dr. Pitts:

As the National Science Foundation is well aware, the future of high-end computing will involve the emerging computational grid. The Distributed Terascale Facility (DTF) will employ Intel Itanium processors. DTF and other emerging computational grids offer the promise of exciting advances in computational science and engineering.

Dr. Kennedy's proposed Center for Grid Application Development Software (CGrADS) is of significant interest to Intel. The research community has made great progress at defining standards and interoperability principles to enable peer to peer distributed computing, however, new research on programming and applications will be extremely helpful. For grid computation to succeed, scientists and engineers must be provided with higher-level application development interfaces that allow them to effectively and efficiently build their applications.

Intel is pleased to support this proposed center's research in the following ways:

- Rice has received an Intel Technology in Education grant. Intel has designated funds from this grant to support Ken Kennedy's research in grid computing.
- Timothy G. Mattson, Ph.D., a Senior Research Scientist in Intel's Computational Software lab, will be Intel's liaison and technical sponsor. Tim will engage directly with researchers associated with the CGrADS.

We encourage the NSF to support the CGrADS research program. We look forward to our industrial relationship with this impressive national research team.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Tenenhouse", written over a horizontal line.

David L. Tenenhouse, Ph.D.
Vice President and Director of Research
Corporate Technology Group
Intel Corporation

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