



# PITAC

President's Information Technology Advisory Committee

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## **National Priorities for Computational Science A PITAC Town Hall Meeting SC 2004 - Pittsburgh Convention Center**

Wednesday, November 10, 5:30PM - 7:00PM Eastern Time  
Room# 303/304/305

### **Speaker: Daniel A. Reed**

**Chancellor's Eminent Professor  
Vice-Chancellor for Information Technology and CIO  
Director, Institute for Renaissance Computing  
University of North Carolina at Chapel Hill  
Chair, PITAC Computational Science Subcommittee**

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The PITAC Computational Science Subcommittee was charged in June 2004 to prepare a report setting out findings and recommendations about how to strengthen the computational science investments of the Networking and Information Technology Research and Development (NITRD) Program and the appropriate roles of academia and industry. This report is to be delivered to the President through the Director of the Office of Science and Technology Policy by the spring of 2005.

The purpose of this Town Hall Meeting is to solicit additional input from the SC 2004 community as part of gathering broader input from the public.

Statements are limited to three minutes oral comment and five pages of written material. If you wish to speak, please sign up at the NCO/ITRD booth next to the SC 2004 store or send email and written material to [pitac-comments@nitrd.gov](mailto:pitac-comments@nitrd.gov). Follow-up questions may be asked. There may be time at the end of the meeting for those who have not been put on the agenda to make very short oral statements. Written statements can be made at any time.

Please turn this page over to see the questions you are asked to address.

# Questions to be addressed at the PITAC Computational Science Town Hall

1. What are the important problems in computational science that should be addressed that are not being addressed today? What opportunities and visions might be pursued if additional resources were available? What major breakthroughs in science could then be realized?
2. Is the portfolio of Federal funding programs for computational science appropriately balanced between short term, lower risk research and longer term, higher risk research? If not, what adjustments would be desirable?
3. How can computational science research be better integrated into the scientific disciplines that are heavily dependent on it to enhance scientific research and inquiry?
4. Consider the ways in which Federal agencies coordinate IT research, development, prototyping, and procurement in support of science and engineering research. How could this coordination be improved?

## For more information ...

The Subcommittee recently briefed the PITAC on its information gathering to date — that briefing is at <http://www.itrd.gov/pitac/meetings/2004/index.html> under *November 4, 2004*, the slides at *Agenda and Presentations* and the WebEx at *Meeting Recording*.



For additional information, please contact the National Coordination Office for Information Technology Research and Development at [nco@nitrd.gov](mailto:nco@nitrd.gov) (703-292-4873) or come by our booth in the lobby next to the SC 2004 store.