

National Science and Technology Council

Committee on Technology

Subcommittee on Networking and Information Technology Research and Development

Interagency Working Group on High-End Computing

Charter

Preamble

The Interagency Working Group on High-End Computing (the “Interagency Working Group” or “the IWG”) is hereby established by action of the Subcommittee on Networking and Information Technology Research and Development (NITRD) (“the NITRD Subcommittee”) of the National Science and Technology Council (NSTC) Committee on Technology. The IWG serves as part of the internal deliberative process of the NITRD Subcommittee, which provides guidance and direction for the IWG.

Purpose

The purpose of the IWG is to coordinate high-end computing (HEC) programs, budgets, and policy recommendations. This includes identifying and integrating requirements, conducting joint program planning, and developing joint strategies for the HEC programs conducted by agencies that participate in the NITRD Program. For purposes of this document, HEC includes fundamental research and applied research and development (R&D), technology development and engineering, infrastructure and applications, demonstrations, and education and training, and “agencies” refers to Federal agencies, departments, directorates, foundations, institutes, and other organizational entities.

Scope

The scope of activities for the IWG includes:

- Promoting communications among HEC agencies, academia, and industry to address existing and long-term HEC requirements
- Promoting close liaison with the supported HEC applications communities, especially through the NSTC Committee on Science and its Subcommittees, to help ensure that their HEC needs are addressed

Functions

The IWG has the following functions and activities:

- Facilitating interagency HEC program planning, including:

- Providing a forum for agencies to exchange program-level information about agency activities in HEC R&D
- Recognizing agency priorities and identifying interagency priorities in HEC R&D, identifying any gaps among these areas, and promoting interagency coordination to address these gaps
- Identifying opportunities for collaboration, coordination, and leveraging among agencies in specific areas in HEC R&D
- Developing, maintaining, and periodically updating an interagency roadmap for HEC R&D
- Developing recommendations for Federal HEC policy, such as recommendations regarding the establishment of Federal HEC priorities and the need for specific interagency activities to address those priorities
- Preparing an annual report summarizing the activities of the IWG, which shall take the form of the HEC component of the President's Budget Supplement for the NITRD Program
- Coordinating with other NITRD bodies such as IWGs and Coordinating Groups on issues of mutual interest

In support of these functions, the IWG may establish task forces and *ad hoc* teams to facilitate focused interagency activities, coordinate planning and budget activities with the Office of Science and Technology Policy and the Office of Management and Budget, and coordinate with other NSTC Committees, Subcommittees, and IWGs on issues of mutual interest.

Membership

The following Federal agencies are represented on the IWG:

- *Within the Department of Commerce:*
 - National Institute of Standards and Technology
 - National Oceanic and Atmospheric Administration
- *Within the Department of Defense (DoD):*
 - Defense Advanced Research Projects Agency
 - National Security Agency
 - Office of the Secretary of Defense and DoD Service research organizations
- *Within the Department of Energy:*
 - National Nuclear Security Administration
 - Office of Science
- *Within the Department of Health and Human Services:*
 - Agency for Healthcare Research and Quality
 - National Institutes of Health
- Department of Homeland Security
 - Science and Technology Directorate
- Environmental Protection Agency
- National Aeronautics and Space Administration

- *Within the National Science Foundation:*
 - Computer and Information Science and Engineering Directorate
 - Office of Cyberinfrastructure

The following offices shall participate in IWG activities:

- National Coordination Office for Information Technology Research and Development (NCO/NITRD)
- Office of Management and Budget
- Office of Science and Technology Policy

HEC IWG Leadership and Operation

The IWG shall be structured as follows:

Chairmanship of the IWG shall be named by the co-chairs of the NITRD Subcommittee. Intra- and inter-agency coordination, fact finding, task force and coordinating group efforts, and planning shall occur between the formal, scheduled IWG meetings.

Private-Sector Interface

The IWG may interact with and receive *ad hoc* advice from Federal advisory bodies and from private-sector groups as consistent with the Federal Advisory Committee Act.

Resources

As part of its responsibilities to the NITRD Subcommittee, the NCO/NITRD shall provide technical and administrative support to the IWG.

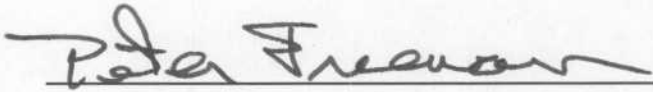
Termination

Unless renewed by the co-chairs of the NITRD Subcommittee prior to its expiration, the IWG shall terminate no later than March 31, 2009.

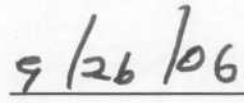
Determination

We hereby determine that the formation of this IWG is in the public interest in connection with the performance of duties imposed on the Executive Branch by law, and that such duties can best be performed by such a group.

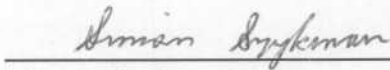
Approved:



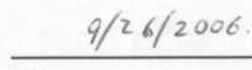
Peter Freeman
Co-Chair, NITRD Subcommittee



Date



Simon Szykman
Co-Chair, NITRD Subcommittee



Date