

TRUN Workshop on HPC

High Performance Computing: Powering Transborder Research Collaboration

The Transborder Research University Network is hosting a workshop on Friday May 30th on “High Performance Computing: Powering Transborder Research Collaboration”. This event will be held at Wayne State University in Detroit. The program will feature a panel presentation with expert contributors discussing current and potential application of HPC to three specific areas of research: Alternative Energy, Visualization, and Public Health.

Current and prospective HPC users and others interested in HPC applications at the TRUN institutions, especially those working or contemplating working in the areas identified, are encouraged to attend. Subject to availability, travel costs may be covered in whole or part by TRUN members.

Please forward RSVPs to Dr. Patrick Gossman, Wayne State University, Detroit, MI (ac8456@wayne.edu)

This workshop will explore how HPC is currently employed, and may in future be employed, to support transborder research in areas of importance to the consortium and economic development within the Great Lakes region. These areas include alternative energy and the environment, visualization, and public health

Date

Friday, 30 May 2008

Location

Wayne State University, Detroit, MI

Participants

- HPC leads at TRUN partners + University of Michigan, Case Western Reserve, Wayne State, University of Windsor (n=10)
- Panelists (n=4)
- Consular staff (n=6)
- TRUN invitees (n=10)

Agenda

- 9:00-9:30 Welcome and overview of TRUN objectives (SUNY-Buffalo/York)
- 9:30-10:30 Overview of HPC capacity in Ontario (Hewitt), New York (Miller), and Michigan (Gossman)
- 10:30-12:30 Panel Presentation
 - Panelist A—Current application of HPC to alternative energy research (Queen’s – Syracuse Centre of Excellence)

- Panelist B—Current application of HPC to visualization research
- Panelist C—Current application of HPC to public health research (Wayne State – Windsor)
- Panelist D—Discussant

12:30-2:00 Lunch and Discussion re Next Steps
2:00-3:00 Public Lecture (Speaker TBA) and Q&A
3:00-4:30 Tour
4:30-5:30 Reception