Sunday April 30

Registration Opens — Late Afternoon

Monday May 1 — Workshops & Tutorials

Registration Open — All Day

Morning Break	10:00 AM – 10:30 AM
Lunch	12 Noon – 1:00 PM
Afternoon Break	2:30 PM – 3:00 PM

(Breaks are for both workshop & tutorial attendees)

WORKSHOPS **8 AM – 5 PM ***

(* See individual workshop programs for schedule details.
Go to links on this Web site.)

1. Heterogeneous Computing Workshop
2. Workshop on High-Level Parallel Programming Models & Supportive Environments
3. Workshop on Biologically Inspired Solutions to Parallel Processing Problems
4. Workshop on Parallel and Distributed Real-Time Systems
5. Workshop on Run-Time Systems for Parallel Programming
6. Reconfigurable Architectures Workshop
7. International Workshop on Java for Parallel and Distributed Computing
8. Workshop on Job Scheduling Strategies for Parallel Processing

TUTORIAL 1 **Morning**

Multithreaded Programming for Windows NT/2000:
A Practical Guide to Writing Programs for Multiprocessor PCs
John Thornley, Department of Computer Science, University of Virginia

TUTORIAL 2 **Afternoon**

High Performance Computing in Computational Biology
Horst D. Simon, Sylvia Spengler, Manfred Zorn
Center of Bioinformatics and Computational Genomics - NERSC

Tuesday May 2

Registration Open All Day

KEYNOTE ADDRESS 9:00 AM – 10:00 AM
Genomics and Computation:
A new paradigm for biology research in the new millennium
Jill Mesirov, Whitehead Institute for Biomedical Research

(Break10:00 - 10:30)

Technical Sessions 10:30 AM – 12:30 PM
SESSION 1
Routing and Switching
SESSION 2
Computational Science
SESSION 3
Scheduling I

(Lunch 12:30 - 1:30)

Technical Sessions 1:30 PM – 3:30 PM
SESSION 4
Memory Systems
SESSION 5
Tools
SESSION 6
Algorithms

(Break 3:30 – 4:00)

PANEL 1 4:00 PM – 6:00 PM
The Top Ten Most Influential Parallel and Distributed Concepts
in the Last Millennium
PANEL ORGANIZER & CHAIR
H.J. Siegel, Purdue University
PANELISTS
Mani Chandy, Caltech · Ken Kennedy, Rice University · Tom Leighton, MIT · Jane Liu, University of Illinois · Kang Shin, University of Michigan · Marc Snir, IBM/Yorktown · Larry Snyder, University of Washington · Thomas Sterling, JPL

Wednesday May 3

KEYNOTE ADDRESS 9:00 AM – 10:00 AM
Compiler Architecture for High Performance Problem-Solving
Ken Kennedy, Rice University

(Break10:00 - 10:30)

Best Papers **10:30 AM – 12:30 PM**
SESSION 7 

(Lunch 12:30 - 1:30)

Technical Sessions **1:30 PM – 3:30 PM**
SESSION 8
Network Routing
SESSION 9
Data Sets and Visualization
SESSION 10
Scheduling II

(Break3:30 – 4:00)

PANEL 2 **4:00 PM – 6:00 PM**
The Ten Hottest Topics in Parallel and Distributed Computing
for the Next Millenium
PANEL ORGANIZER & CHAIR
Ian Foster, Argonne National Laboratory & University of Chicago
PANELISTS
David Culler, University of California Berkeley · Deborah Estrin, University of Southern California · Harvey Newman, California Institute of Technology · Rick Stevens, Argonne National Laboratory & University of Chicago

Thursday May 4

KEYNOTE ADDRESS 9:00 AM – 10:00 AM
Asynchronous Parallel Computing, from Theory to Practice
Michael O. Rabin, Harvard University

(Break10:00 - 10:30)

Technical Sessions 10:30 AM – 12:30 PM
SESSION 11
Communication
SESSION 12
Distributed Computing
SESSION 13
Threading

(Lunch 12:30 - 1:30)

Technical Sessions 1:30 PM – 3:30 PM
SESSION 14
Wormhole Routing
SESSION 15
Input/Output
SESSION 16
Shared Memory

(Break3:30 – 4:00)

Technical Sessions 4:00 PM – 6:00 PM
SESSION 17
Optical Computing
SESSION 18
Numerical Algorithms
SESSION 19
Meshes and Arrays

Friday May 5 Workshops & Tutorials

Morning Break	10:00 AM – 10:30 AM
Lunch	12 Noon – 1:00 PM
Afternoon Break	2:30 PM – 3:00 PM

(Breaks are for both workshop & tutorial attendees)

WORKSHOPS 8 AM – 5 PM *

(* See individual workshop programs for schedule details.
Go to links on this Web site.)

9. Workshop on Optics and Computer Science
10. Workshop on Solving Irregularly Structured Problems in Parallel
11. International Workshop on Personal Computer based Networks of Workstations
12. Workshop on Formal Methods for Parallel Programming
13. Workshop on Embedded HPC Systems and Applications
14. Workshop on Fault-Tolerant Parallel and Distributed Systems
15. Workshop on High Performance Data Mining
16. Workshop on Parallel and Distributed Computing in Image Processing, Video Processing, and Multimedia
17. Workshop on Advances in Parallel and Distributed Computational Models

TUTORIAL 3 Morning
The Globus Grid Programming Toolkit
Dr. Ian Foster, Argonne National Laboratory &
University of Chicago

IPDPS 2000 Adjourns

6 PM – 8:30 PM
Cinco de Mayo Celebration