# Program-at-a-Glance

## Tuesday, October 8

### Evening

**6:00-8:00** — **Registration opens**
*East CC Lobby*

**7:00-9:00** — **Welcoming Reception**
*Outside Front Plaza*

## Wednesday, October 9

### Morning

**7:30** — **Registration opens**
*East CC Lobby*

**8:15-8:30** — **Opening Remarks**
Esmond G. Ng and Daniel J. Pierce
*Kidd Island & North Cape Rooms*

**8:30-9:30 IP1** — **A Sparse Matrix Ordering Perspective: From Dissectors to Multisectors**
Joseph W. H. Liu
*Kidd Island & North Cape Rooms*

**9:30-10:15 LP1** — **Sparse Matrix Equations Arising in Parameter Identification**
Curtis R. Vogel
*Kidd Island & North Cape Rooms*

**10:15-10:45** — **Coffee**
*Bay 5 Room*

**10:45 AM-12:15 PM** — **Parallel Sessions**

**Session 1A** — **Sparse Matrix Reordering and Graph Theory I**
*Kidd Island Room*

**Session 1B** — **Sparse Matrix Tools and Environments I**
*North Cape Room*

**Session 1C** — **Eigenvalue Computations I**
*Bay 1A Room*

**Poster Session** — (*Will run for two days — Wednesday and Thursday*)
*Bay 1B Room*

### Afternoon

**12:15-2:00** — **Lunch**

**2:00-2:45 LP2** — **A Parallel Sparse Symmetric Indefinite Solver**
Yogin E. Campbell
*Kidd Island & North Cape Rooms*

**2:45-3:15** — **Coffee**
*Bay 5 Room*

**3:15-5:15** — **Parallel Sessions**

**Session 2A** — **Iterative Methods and Acceleration Techniques I**
*Kidd Island Room*

**Session 2B** — **Applications I**
*Bay 1A Room*

**Session 2C** — **Parallel Algorithms I**
*North Cape Room*

**Poster Session** — (continued)
*Bay 1B Room*

## Thursday, October 10

### Morning

**7:30** — **Registration opens**
*East CC Lobby*

**8:30-9:30 IP2** — **Sparse Matrix Problems in Total Variation Image Restoration**
Tony F. Chan
*Kidd Island & North Cape Rooms*

**9:30-10:15 LP3** — **A Truncated RQ-Iteration for Large-Scale Eigenvalue Calculation**
Danny C. Sorensen
*Kidd Island & North Cape Rooms*

**10:15-10:45** — **Coffee**
*Bay 4 Room*

**10:45 AM-12:15 PM** — **Parallel Sessions**

**Session 3A** — **Sparse Matrix Reordering and Graph Theory II**
*Kidd Island Room*

**Session 3B** — **Sparse Matrix Tools and Environments II**
*North Cape Room*

**Session 3C** — **Least Squares and Optimization I**
*Bay 1A Room*

**Poster Session** — (continued)
*Bay 1B Room*

### Afternoon

**12:15-2:00** — **Lunch**

**2:00-2:45 LP4** — **Iterative Solution of Indefinite Systems in Interior-Point Methods for Large-Scale Linear Programs**
Roland W. Freund
*Kidd Island & North Cape Rooms*

**2:45-3:15** — **Coffee**
*Bay 4 Room*

**3:15-5:15** — **Parallel Sessions**

**Session 4A** — **Iterative Methods and Acceleration Techniques II**
*Kidd Island Room*

**Session 4B** — **Applications II**
*Bay 1A Room*

**Session 4C** — **Eigenvalue Computations II**
*North Cape Room*

**Poster Session** — (continued)
*Bay 1B Room*

### Evening

**8:00-10:00** — **Panel Discussion: Languages and Environments for Sparse Matrix Computations**
*Bay 4 Room*

## Friday, October 11

### Morning

**7:30** — **Registration opens**
*East CC Lobby*

**8:30-9:30 IP3** — **Sparsity, Structure, and Separability: Connections with Large-Scale Optimization**
Margaret H. Wright
*Kidd Island & North Cape Rooms*

**9:30-10:15 LP5** — **Preconditioned Iterative Image Restoration**
James G. Nagy
*Kidd Island & North Cape Rooms*

**10:15-10:45** — **Coffee**
*Bay 4 Room*

**10:45 AM-12:15 PM** — **Parallel Sessions**

**Session 5A** — **Least Squares and Optimization II**
*Bay 1A Room*

**Session 5B** — **Parallel Algorithms II**
*Kidd Island Room*

**Session 5C** — **Sparse Direct Methods**
*North Cape Room*

### Afternoon

**12:15-2:00** — **Lunch**

**2:00-2:45 LP6** — **Effective Sparse Approximate Inverse Preconditioners**
Wei-Pai Tang
*Kidd Island & North Cape Rooms*

**2:45-3:15** — **Coffee**
*Bay 4 Room*

**3:15-5:15** — **Parallel Sessions**

**Session 6A** — **Iterative Methods and Acceleration Techniques III**
*Kidd Island Room*

**Session 6B** — **Eigenvalue Computations III**
*Bay 1A Room*

**Session 6C** — **Sparse Matrix Reordering and Graph Theory III**
*North Cape Room*

**5:15** — **Conference adjourns**

**5:30-7:00** — **Beer Tasting Party**
*Courtyard*

**Times allowed for each presentation, including questions and answers:**
Contributed Short Presentation (30 minutes)
(Parallel sessions 1A through 6C)
IP = Invited Plenary Presentation (60 minutes)
LP = Contributed Long Presentation (45 minutes)
Poster Presentation (will run Wednesday and Thursday)

- The conference organizers expect every speaker of a scheduled presentation to register and attend the conference. If it becomes necessary for a speaker to cancel the presentation, the speaker is expected to find an alternate presenter or one of the speaker's co-authors should give the presentation.
- A canceled presentation can cause serious inconvenience to the attendees and conference organizers.
- For papers with multiple authors, the speaker is shown in italics if known at press time.
- The entire program, including transportation, hotel, and registration information can be accessed electronically through the World Wide Web at *http://www.siam.org/meetings/sm96/sm96home.htm*