Program-at-a-Glance

Saturday Evening, November 1

5:00 PM-7:30 PM Registration
Room: Hotel Lobby by Guest Elevators

Sunday Morning, November 2

8:00 AM-7:30 PM Registration
Room: Centennial Ballroom Foyer

9:00 AM-10:15 AM Short Course
Room: Neely, Mezzanine Level

10:15 AM-10:45 AM Coffee
Room: Centennial Ballroom Foyer

10:45 AM-12:30 PM Short Course
Room: Neely, Mezzanine Level

Sunday Afternoon, November 2

12:30 PM-2:00 PM Lunch (Short Course attendees only)
Room: McTeire, Mezzanine Level

2:00 PM-4:00 PM Short Course resumes
Room: Neely, Mezzanine Level

4:00 PM-4:30 PM Coffee
Room: Centennial Ballroom Foyer

4:30 PM-6:00 PM Short Course continues
Room: Neely, Mezzanine Level

6:00 PM Short Course adjourns

Sunday Evening, November 2

6:00 PM-7:30 PM Welcoming Reception
Room: Belmont

Monday Morning, November 3

7:30 AM-4:00 PM Registration
Room: Centennial Ballroom Foyer

8:15 AM Welcoming Remarks and Announcements
Tony DeRose, Pixar Animation Studios; and Larry Schumaker, Vanderbilt University, Co-chairs
Room: Belle Meade

8:30 AM-9:15 AM
IP1 Life After NURBS: Adventures with a Triangular Surface Modeler

David Gossard, Massachusetts Institute of Technology
Chair: Rosemary E. Chang, Silicon Graphics Computer Systems
Room: Belle Meade

9:15 AM-10:00 AM
IP2 Classical Geometry and CAGD

Wendelin L. F. Degen, University of Stuttgart, Germany
Chair: Miriam Lucian, The Boeing Company
Room: Belle Meade

10:00 AM-10:30 AM Coffee
Room: Centennial Ballroom Foyer

10:30 AM-12:30 PM Concurrent Sessions
MS1 CAD Systems Issues

Organizer: Timothy L. Strotman, Structural Dynamics Research Corporation
Room: Belle Meade
MS2 Computational Geometry and Topology

Organizer: Herbert Edelsbrunner, University of Illinois, Urbana-Champaign
Room: Cheekwood

Monday Afternoon, November 3

12:30 PM-1:45 PM Lunch (Attendees will be on their own)

1:45 PM-3:45 PM Concurrent Sessions
MS3 Geometric Accuracy

Organizer: Miriam L. Lucian, The Boeing Company
Room: Belle Meade
CP1 Curve and Surface Construction

Chair: John Roulier, University of Connecticut, Storrs
Room: Cheekwood

3:45 PM-4:15 PM Coffee
Room: Centennial Ballroom Foyer

4:15 PM-6:15 PM Concurrent Sessions
FS1 Geometry Extraction

Moderator: Tomas Varady, Hungarian Academy of Sciences, Hungary
Room: Belle Meade
FS2 CAD Editing

Moderators: Gerald Farin, Arizona State University; and Hans Wolters, SDRC, Milford, Ohio
Room: Cheekwood

Tuesday Morning, November 4

7:30 AM-4:00 PM Registration
Room: Centennial Ballroom Foyer

8:30 AM-9:15 AM
IP3 Subdivision Schemes for Variational Problems

Joe Warren, Rice University
Chair: Tony DeRose, Pixar Animation Studios
Room: Belle Meade

9:15 AM-10:00 AM
IP4 Conservative Perturbations

John Canny, University of California, Berkeley
Chair: Richard H. Bartels, University of Waterloo, Canada
Room: Belle Meade

10:00 AM-10:30 AM Coffee
Room: Centennial Ballroom Foyer

10:30 AM-12:30 PM Concurrent Sessions
MS4 Subdivision

Organizer: Hartmut M. Prautzsch, Universität Karlsruhe, Germany
Room: Belle Meade
MS5 CAGD in Kinematics/Robotics

Organizer: Josef Hoschek, Technische Hochschule Darmstadt, Germany
Room: Cheekwood

Tuesday Afternoon, November 4

12:30 PM-1:45 PM Lunch (Attendees will be on their own)

1:45 PM-3:45 PM Concurrent Sessions
CP2 Multiresolution Methods

Chair: Peter Schröder, California Institute of Technology
Room: Belle Meade
CP3 Solids I

Chair: Michael J. Pratt, Rensselaer Polytechnic Institute
Room: Cheekwood

3:45 PM-4:15 PM Coffee
Room: Centennial Ballroom Foyer

4:15 PM-6:15 PM Concurrent Sessions
FS3 Subdivision

Moderators: Mike Neamtu, Vanderbilt University; and Dan Gonsor, The Boeing Company
Room: Belle Meade
FS4 Developable Surfaces

Moderators: Bahram Ravani, University of California, Davis; and Michael Wagner, Technical University of Vienna, Austria
Room: Cheekwood

Tuesday Evening, November 4

6:30 PM-9:30 PM
Old Fashioned Southern BBQ/Country Music Show

Vanderbilt University Stadium Club
Cost: $39/person

Wednesday Morning, November 5

7:30 AM-4:00 PM Registration
Room: Centennial Ballroom Foyer

8:30 AM-9:15 AM
IP5 Scalar Fields, Isosurfaces and Geometric Modeling

William Lorensen, GE Corporate Research and Development
Chair: Andrew J. Worsey, Middle Tennessee State University
Room: Belle Meade

9:15 AM-10:00 AM
IP6 Hierarchical Methods in Computer Graphics

Hans-Peter Seidel, Universität Erlangen, Germany
Chair: Wolfgang Boehm, Technische Universität Braunschweig, Germany
Room: Cheekwood

10:00 AM-10:30 AM Coffee
Room:Centennial Ballroom Foyer

10:30 AM-12:30 PM Concurrent Sessions
MS6 Scientific Visualization

Organizer: Gregory M. Nielson, Arizona State University
Room: Belle Meade
MS7 Computers and Education

Organizer: Ron Goldman, Rice University
Room: Cheekwood

Wednesday Afternoon, November 5

12:30 PM-1:45 PM Lunch (Attendees will be on their own).

1:45 PM-3:45 PM Concurrent Sessions

CP4 Rendering and Imaging

Chair: Carlo H. Séquin, University of California, Berkeley
Room: Belle Meade

CP5 Medial Axis Transforms and Offsets

Chair: Rida T. Farouki, University of Michigan, Ann Arbor
Room: Cheekwood

3:45 PM-4:15 PM Coffee
Room: Centennial Ballroom Foyer

4:15 PM-6:15 PM Concurrent Sessions

CP6 Surface Processing

Chair: Kenneth Joy, University of California, Davis
Room: Belle Meade

CP7 Curve Interpolation and Approximation

Chair: Eugene Lee, Renton, Washington
Room: Cheekwood

Wednesday Evening, November 5

6:15 PM-8:00 PM

Poster Session and Reception

Room: Belmont

8:00 PM Business Meeting
SIAM Activity Group on Geometric Design
Room: Belmont

8:00 PM Poster Session closes. All poster materials must be removed from the poster boards.

Thursday Morning, November 6

7:30 AM- 12:00 PM Registration
Room: Centennial Ballroom Foyer

8:30 AM-9:15 AM

IP7 Scattered Data Modelling

Morten Daehlen, SINTEF, Norway
Chair: Nira Dyn, Tel Aviv University, Israel
Room: Belle Meade

9:15 AM-10:00 AM

IP8 On NURBS and Triangles

Paul Besl, Alias/Wavefront, Inc.
Chair: Helmut Pottmann, Technische Universität Wien, Austria
Room: Belle Meade

10:00 AM-10:30 AM Coffee
Room: Centennial Ballroom Foyer

10:30 AM-12:30 PM Concurrent Sessions

MS8 Reverse Engineering

Organizer: Hugues H. Hoppe, Microsoft Research
Room: Belle Meade

MS9 Curve/Surface Fairing and Shape Optimization

Organizer: Stefanie Hahmann, University of Grenoble, France
Room: Cheekwood

Thursday Afternoon, November 6

12:30 PM-1:45 PM (Attendees will be on their own).

1:45 PM-3:45 PM Concurrent Sessions

CP8 Solids II

Chair: Dinesh Manocha, University of North Carolina, Chapel Hill
Room: Belle Meade

CP9 Blending and Cyclides

Chair: Alyn Rockwood, Arizona State University
Room: Cheekwood

3:45 PM-4:15 PM Coffee
Room: Centennial Ballroom Foyer

4:15 PM-6:15 PM Concurrent Sessions

FS5 Geometry Construction

Moderator: Jorg Peters, Purdue University, West Lafayette
Room: Belle Meade

FS6 Scattered Data Fitting

Moderators: Robert E. Barnhill, University of Kansas; and Dianne Hansford, Arizona State University
Room: Cheekwood

6:15 PM Conference adjourns