Siggraph 84 to offer varied program

The latest computer graphics research findings, application advances, technological breakthroughs, and industry issues will be explored during the Siggraph 84 technical program July 23-27 in Minneapolis, Minnesota.

Thirty papers, selected from more than 125 reviewed papers, will be presented during 10 sessions. Eleven panel sessions will complete the technical program at the Eleventh Annual Conference on Computer Graphics and Interactive Techniques.

Of the 10 paper sessions at this year’s conference, two are dedicated to presentations of ray-tracing techniques and two focus on modeling. The remaining six cover hardware, visible-surface algorithms, interactive systems, shading and texturing, algorithms for painting and matting, and graphics standards.

“In response to the strong international growth of computer graphics research and technology, a Siggraph 84 panel will address the exporting interests of United States companies,” said Panels Chairman David Luther of Lexidata Corporation. “The explosion of computer graphics for microcomputers, creative animation in the broadcast media, and two panels of Japanese experts detailing industry advancements in their country are other highlights,” said Luther.

A special panel will explore trends in displays, transformations, rendering, interaction, geometric modeling, and animation. Eight computer graphics industry pioneers participating in the panel include Edwin Catmull, Lucasfilm, Ltd.; David Evans, Evans & Sutherland Computer Corporation; Jim Foley, George Washington University; Robin Forrest, University of East Anglia; Alan Kay, Atari, Inc.; Stephen Levine, Electronic Graphics Associates; Carl Machover, Machover Associates Corporation; and Robert Sproull, Carnegie-Mellon University. This session is cosponsored by the Graphics Pioneers and the Computer Museum in Boston, Massachusetts.

In addition to the extensive technical program, Siggraph 84 will feature 27 courses covering a wide variety of topics and issues in computer graphics; a design arts show focusing on the role of computers in the design process; an exhibition of the latest computer graphics hardware, software, applications, and services; and two evening electronic theaters featuring the most recent scientific, commercial, and artistic film and video techniques.

For additional information and an advance program, contact the Siggraph 84 Conference Office, 111 East Wacker Drive, Chicago, IL, 60601; (312) 644-6610.

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Symposium will focus on computers and medicine

David Pearce Snyder, editor of The Futurist magazine and a social forecaster who bases his projections on more than a decade of multidisciplinary research, will deliver the keynote address, “Focus on the Future,” at the Computer Society’s Eighth Annual Symposium on Computer Applications in Medical Care. The event is set for November 4-7 at the Washington Hilton Hotel in Washington, DC.

Symposium sessions will cover the following special problem areas and future opportunities:

- computers in diagnostic-related group reimbursement,
- implementation and evaluation strategies for large systems,
- assessment of emerging technologies,
- computers in neighborhood emergicenters,
- dissemination, transfer, and exchange of technology, and
- promotion of collaboration between physicians and technologists.

The symposium offers an opportunity for physicians, nurses, administrators, and other health-care providers to share ideas and experiences with computer scientists, engineers, and mathematicians. The symposium covers both theoretical and practical areas and offers numerous sessions in medical applications and information processing.

All inquiries, papers, and proposals should be sent to the program chairman, Gerald S. Cohen, SCAMC, Office of CME, George Washington University Medical Center, 2300 K Street, N. W., Washington, DC 20037. Information about exhibiting is available from Greg P. Thomas at the same address.

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Selective Update covers topics of current interest in computer graphics research and application. It also features conference previews and reports as well as short technical news stories. We welcome contributions from readers. All submissions to Selective Update should be sent to Jerry Schneider, Selective Update Editor, IEEE CG&A, Dept. of Civil Engineering, University of Washington, Mail Stop FX-10, Seattle, WA 98195.

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