

SIGGRAPH 93
20th International Conference
on Computer Graphics and
Interactive Techniques

Anaheim Convention Center
1 to 6 August 1993

FUNDAMENTAL SEMINAR

The Terminology of Computer Graphics

SEMINAR CHAIR
Wayne E Carlson
The Ohio State University

SPEAKERS
Michael Bailey
San Diego Supercomputer Center
Judith R Brown
University of Iowa



**SIGGRAPH '93
Fundamentals Seminar**



**Sunday
August 1, 1993
&
Tuesday
August 3, 1993

2:00 – 5:00 PM**

SIGGRAPH '93 Fundamentals Seminar

Quotes

In the Exhibition

" VLSI implementation gives parallel access to a hi-res 4x4 interleaved 32 bit framebuffer with extra channels for alpha and z-depth, and real time quad buffering of fully textured, Gouraud shaded, reflectance mapped, ray-traced NURB surfaces with full antialiasing, while conforming to both PHIGS+ and PEX standards for use in an immersive VR environment with HDTV potential "

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Quotes

In the Panel Sessions, Courses & Papers

" the volume visualization was done by considering all of the voxels with a marching cubes approach to the isosurface, while emdedding the gamut of the printer in CIELAB space so as to maintain ideal saturation so the JPEG compression can fractalize the signal with a genetic algorithm "

SIGGRAPH '93 Fundamentals Seminar

Our goal today:

- **Present the fundamentals of computer graphics hardware, software, and application areas in a straightforward manner, with as little of this technical jargon as possible**

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Speakers

**Wayne E Carlson
The Ohio State University
Advanced Computing Center for the
Arts and
Design (ACCAD)**

**Michael J Bailey
San Diego Supercomputer Center**

**Judith R Brown
University of Iowa
Weeg Computing Center**

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- **Special Thanks to.**
 - **SIGGRAPH '93 Co-chairs**
 - **Mark Resch and Bob Judd**
 - **Rich Ehlers**
 - **ACCAD**
 - **Steve Spencer**
 - **SIGGRAPH SVR and Slide Collections**
 - **Other slide contributors**

SIGGRAPH '93 Fundamentals Seminar

- **Graphics Systems (Hardware)**
 - **Mike Bailey**
- **Graphics Systems (Software)**
 - **Wayne Carlson**
- **Applications**
 - **Judy Brown**

**SIGGRAPH '93
Fundamentals Seminar**

**Fundamentals of Hardware
for Computer Graphics**

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**SIGGRAPH '93
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