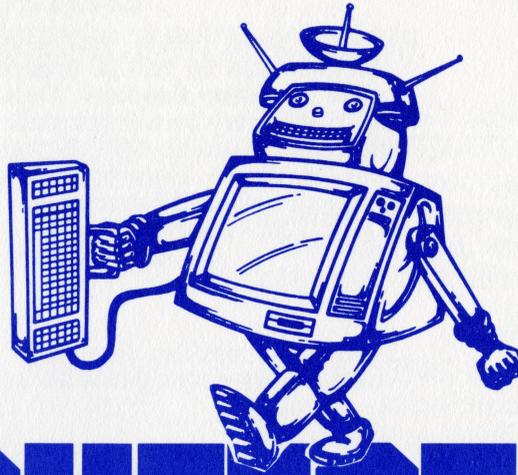


Touch Technology at Southern Tech



TECHFEST '89

One day you will computer-design your own dream house.
And your denims will be manufactured by computer.

One day you'll dance to synthesizer music --
And the conductor will be a computer.

You'll use computers that have been created by other
computers. And produce your own animated
three-dimensional graphics.

One day you'll play chess on a board made by robots, who can
shake your hand when you win.

ONE DAY IS NOW!

Welcome to TECHFEST '89

Saturday, April 29, 1989

9:00 a.m. - 3:00 p.m.

Southern College of Technology
1112 Clay Street
Marietta, Georgia

TECHFEST

Discover a festival of fun at TECHFEST

ENTERTAINMENT

High tech takes off as ATLANTA'S 96 ROCK broadcasts live from Southern Tech. Techfest's very own Psychedelic Saturday features WKLS personality Blake Watson with a pure rock and roll live remote. (10:00 a.m. - 1:00 p.m.)

96 Rock at the Rock

DR. WHO? Don't wonder; come and meet Dr. Who's best friends, the TERMINUS TARDIS and their famous Robot, DALEK, an annual Techfest top favorite.

Between Building 4 and Bookstore

Watch the waving, skimming CALIFORNIA SKATEBOARD TEAM with gravity-defying exhibitions. (12:00 noon - 2:00 p.m.)

Flagpole Circle

Take a world-wide tour of entertainment at the INTERNATIONAL FESTIVAL, sponsored by Southern Tech's International Student Association (Beginning at noon.)

- Arabian band and belly dancer
- Classical Indian dancer, band and vocalist
- Scottish bagpipes

- Indonesian musical combo
- Chinese flower drum and grandfather dancers

International Stage

Band together to enjoy the talents of **SPRAYBERRY HIGH SCHOOL'S** 20-piece Jazz ensemble. (1:00 p.m. - 2:00 p.m.)
Apparel/Textile Garden Patio

And enjoy the four-part harmonies of the **CHICKEN CHIPS BARBERSHOP QUARTET** (10:00 a.m. - 11:00 a.m.)
Strolling the Campus

Hear the exciting sounds of the **PARK STREET ELEMENTARY HONOR CHOIR**. (11:00 a.m. - 11:30 a.m.)

International Stage

FOOD & BEVERAGE

Coffee, doughnuts and lemonade

Techfest Entry

The International Mall's array of worldwide delights, including international entertainment (beginning at 12:00 noon).

At Building 2

A Food Mall full of hot dogs, chicken, drinks, baked goods, popcorn and snacks.

The Rock Area

TECHFEST moves you along, quite literally, through the wonders of lifesaving equipment, the fun of a racing bathtub and the lasting beauty of a unique tool collection.

EXHIBITIONS

KENNESTONE HOSPITAL AIR AMBULANCE, a flying emergency room.

Apparel/Textile Center

HUMAN POWERED VEHICLE, an aerodynamically - designed bicycle, and the famous **SOUTHERN TECH MOTORIZED BATHTUBS**.

Parking area: below Buildings 6A, B, C

The **ALAN SELLARS TOOL COLLECTION**: a one-of-a-kind display of antique metal and wood tools, arranged as very fine art.

Library

High technology at work -- in the workplace -- with corporate exhibitions from:

SOUTHEAST ENERGY INSTITUTE and SCIENTIFIC-ATLANTA, INC.

At the Academic Building

LOCKWOOD-GREENE ENGINEERS, INC.

At Building 5

AUTOMATED LOGIC

At front of Building 6

LOCKHEED AERONAUTICAL SYSTEMS CO./ GA. DIVISION

Near Textile Center

SIZEMORE FLOYD ARCHITECTS

Near AET Building

Get friendly with computers, explore graphics, create animation, witness helium-neon lasers and much more.

DEMONSTRATIONS

COMPUTER GRAPHICS

Enjoy the animated possibilities of high-quality Computer Graphics in a hands-on demonstration.

Map 1

COMPUTERIZED SYNTHESIZER

Hear a musical potpourri of keyboard delights created and controlled by computer.

Map 2

ELECTRICAL CAD DEMONSTRATION

Clear the confusion of printed circuit boards by watching the plotting of layouts and artwork.

Map 3

ARTIFICIAL INTELLIGENCE & FIBER OPTICS

Open your eyes and your world to a demonstration of vision systems for a machine robotics application. A TV camera becomes the eyeball.

Map 4

MATHEMATICS COMPUTER GRAPHICS

Computers understand -- and teach -- difficult mathematical concepts, three dimensional objects, and fractals.

Map 6

MOTION & TIME MEASUREMENT

A bank of 13 TV monitors works hard to visualize how to make the workplace more efficient and comfortable.

Map 7

DEVELOPMENTAL STUDIES

A learning center of computers which supplements classroom efforts.

Map 8

CHEMISTRY AND PHYSICS DEMONSTRATIONS

Helium is not just for balloons. Watch a three-part computer simulation of helium-neon laser use, with ideal gas behavior and magnetic thin film behavior.

Map 5

SURVEYING & PLOTTING

Plot a subdivision using the theodolite electronic measuring machine and its computer-aided-design software.

Map 9

ARCHITECTURAL COMPUTER-AIDED DESIGN LAB

Become your own architect by computer-designing your dream house. Then take the plans home with you.

Map 10

AUTOMATED MANUFACTURING LAB

Knights and Kings are all pawns in the hands of a computer and robot who make intricate chess pieces.

Map 12

YOUTH SCIENCE FAIR

Today at Techfest, the scientists of tomorrow are exhibiting their Cobb County Science Fair award-winning displays.

Map 13

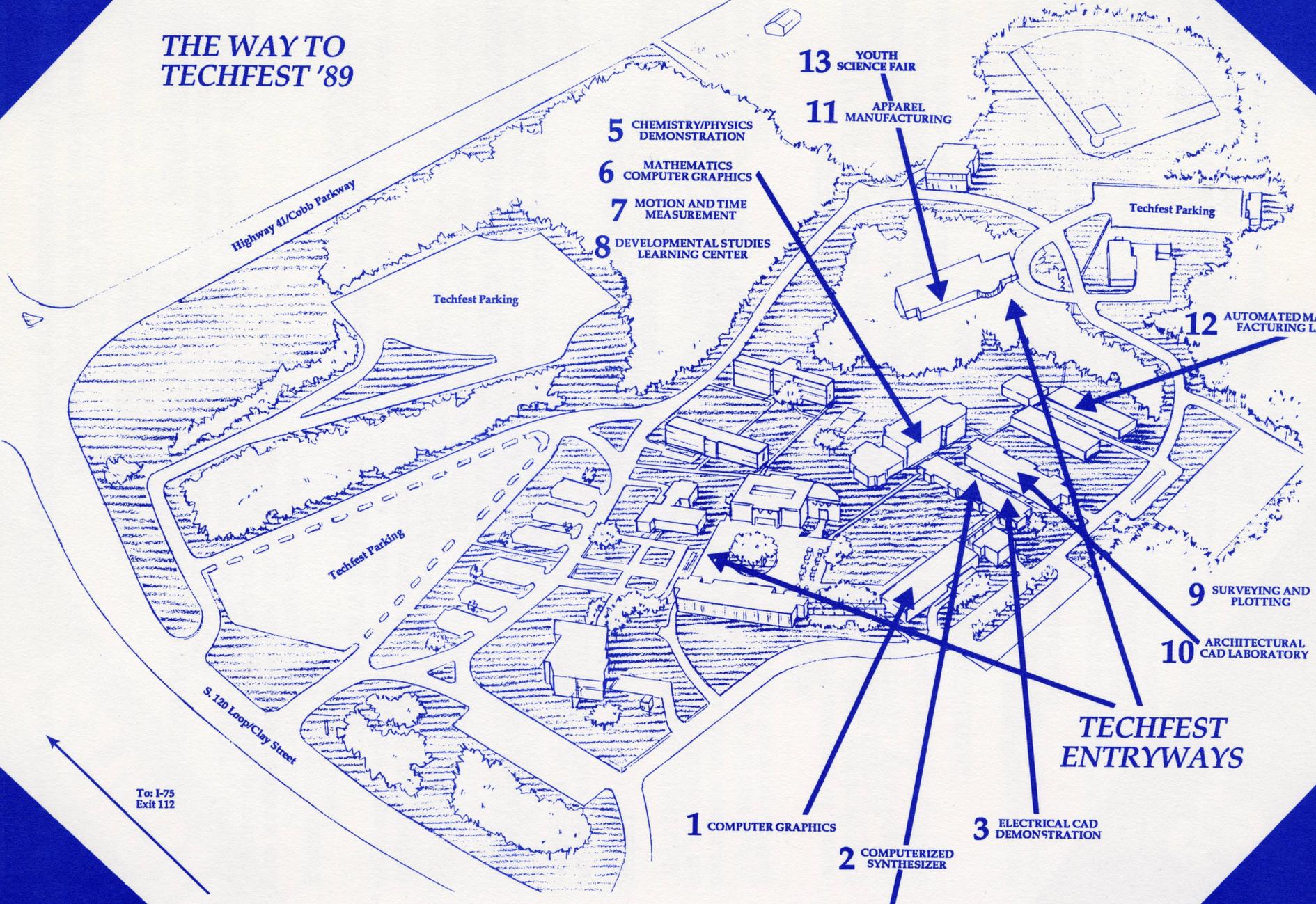
APPAREL MANUFACTURING DEMONSTRATION

America's longtime favorite, the humble blue jeans, goes high tech as it is manufactured by computer.

Map 11

1989

THE WAY TO TECHFEST '89



13 YOUTH SCIENCE FAIR

11 APPAREL MANUFACTURING

5 CHEMISTRY/PHYSICS DEMONSTRATION

6 MATHEMATICS COMPUTER GRAPHICS

7 MOTION AND TIME MEASUREMENT

8 DEVELOPMENTAL STUDIES LEARNING CENTER

Techfest Parking

12 AUTOMATED MANUFACTURING LAB

Highway 41/Cobb Parkway

Techfest Parking

Techfest Parking

9 SURVEYING AND PLOTTING

10 ARCHITECTURAL CAD LABORATORY

S. 120 Loop/Clay Street

TECHFEST ENTRYWAYS

To: I-75
Exit 112

1 COMPUTER GRAPHICS

3 ELECTRICAL CAD DEMONSTRATION

2 COMPUTERIZED SYNTHESIZER

4 ARTIFICIAL INTELLIGENCE AND FIBER OPTICS