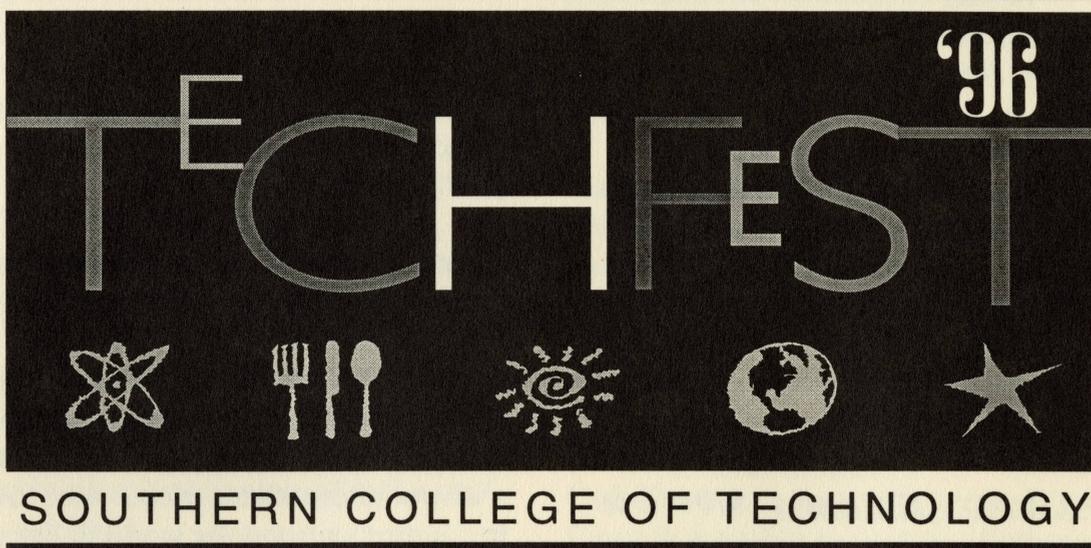


A DAY TO PLAY WITH TECHNOLOGY!



Welcome to TECHFEST '96

10th Anniversary

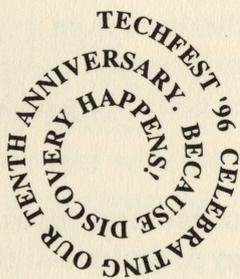
Saturday, May 4, 1996

10 a.m. - 4 p.m.

Southern College of Technology

Important Information!

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Please refer to the map in this folder for locations of TECHFEST exhibits and entertainment.

The TECHFEST "Transportation Trolley" is available to transport you between upper and lower levels. Please note the bus stop signs on the streets near the welcome tables on both upper and lower levels.

TECHFEST Central is located in Building F. (See Map) The on-campus telephone extension is 7240. Notify TECHFEST Central if you need ANY assistance. Lost children will be taken to TECHFEST Central. This is also a good location for family members to meet if they get separated.

A nurse and first aid for minor injuries is available at TECHFEST Central. In case of serious illness or injury, DO NOT move the victim. Contact TECHFEST Central and they will send trained help to the person.

SIGNAGE: Yellow signs direct to activities. Red signs direct to assistance, first aid and facilities.

TECHFEST '96

Building A—Joe Mack Wilson Student Center *❖*❖*❖*❖

International Student Association Festival
Experience beautiful, exotic cultural exhibits, entertainment, food and activities of students around the world.

International buffet at 11 a.m.
(Bldg. A Ballroom)

Also see list of special exhibitors for Bldg. A

Building C—Library Rotunda *❖*❖*❖

Stop here! An interactive CD ROM storybook and a chance to get a computerized analysis of your chances of winning the lottery make this a fun stop for all ages!

Upper level campus—near Bldg. C *❖*❖*

We feel the need for speed! So did Southern Tech's Association of Mechanical Engineering students when they created a formula race car and human-powered vehicle! The nationally competitive SAE Race Car is a high-performance prototype you'd love to turn on and take off. A little on the milder side, but a lot of fun, is the HPV, a unique bicycle that officially clocks at 47 mph and unofficially at 60 mph!

Come aboard the Southern Tech bus and get involved with a myriad of hands-on activities including computer graphics and design, statics and dynamics, computer integrated manufacturing and more!

Electronic Art and the Internet. Create original drawings with "Escher-Sketch", and enjoy images of masterpieces with "Art Historian Project." Also "virtually" visit museums around the world.

Building D *❖*❖*❖*❖

Magical Math! Video displays calculated by computer include 3-D representations of solid figures that rotate. Also find out how to solve intriguing puzzles like soma cubes and instant insanity! (D-113)

Building E *❖*❖*❖*❖

Physics for fun. Superconductors, scanning, microscopes, optics and the physics of spinning. (E-203, E-206)

Micro world. An amazing world of tiny organisms awaits your microscopic visit! (E-204)

"Whosh" International Internet! Experience the internet at a speed 100 times faster than most home computers can accomplish. Get on line and visit with our international friends who are standing by in countries around the world to meet you. (E-127)

Building G *❖*❖*❖*❖

In the spotlight! A student-designed computer controlled surveillance light is directed by an embedded microcontroller and radio frequency remote controls. (G-152)

Record and play your voice without using magnetic tape. This design uses integrated circuits and has no moving parts. (G-152)

In stereo! A stereo chorus demonstration using electronic circuit synthesizers from a single channel source will get your attention, as will practical demonstrations of the software package Pspice. (G-233 and G-234)

Find your family's name and history. An introduction to genealogy program will provide you printouts, information and guidance on your genealogical endeavors. (G-145)

Building H—Burruss Academic

Building *❖*❖*❖*❖

A train with a mind of its own—almost. Ever wonder how rapid transit systems like MARTA operate? Southern Tech's computer-controlled model trains will show you, including how to set throttle levels, change directions and avoid collisions! Graphic screen displays also show train locations and status. (H-243)

Special Guest Exhibitors

Automated Logic

Energy! It's easy to learn about logical choices as "SuperVision" building automation systems are demonstrated using interactive graphical software. (Bldg. A lobby)

Atlanta Gas Light Company

The eventual alternative to your local gas station may lie in a natural gas-powered, or bi-fueled vehicle similar to the ones displayed today. (Parade Circle)

Access Atlanta

Here's a one-stop tour of what's available on-line in the "Big A"— news, views, shopping, global e-mail and more. (Bldg. A lobby)

Marietta Fire Department—Georgia Fire Academy Theater

Bring your children to this special theater where they will enter the fun and educational world of safety in preventing and escaping potentially hazardous fire-related situations. (Near Bldg. M)

Zonline, Inc

"Catch the wave!" An easy introduction to Cyberspace for kids of all ages, including Sam Spider and Carter B. Smarter's Cyberadventure page! (Bldg. A lobby)

Computer Showcase

No more note-filled pads or waiting to share meeting information! The Electronic SoftBoard uses lasers and barcoded pens to take your notes from the board and capture them on a computer monitor and in real time. (Bldg. A. lobby)

United States Environmental Protection Agency

Protecting the environment is everyone's business. It starts with our young people caring and flows through businesses, the public, and agencies. (Bldg. A lobby)

National Aeronautics Space Administration (NASA) (All Bldg. M)

- **NASA and the Olympics:** Learn how NASA projects and developments have been incorporated into our Atlanta Centennial Olympics.

- **Mars Pathfinder Mission Presentation:** Exciting CD ROM presentation takes you on a special trip. 10:15 a.m., 12:15 p.m., and 2:15 p.m.

NASA Teacher Resource Center

Here's your chance to literally get hands on with activities that focus on NASA missions. (Bldg M-100) 11:15 a.m., 12:15 p.m., 2:15 p.m.

American Institute of Aeronautics and Astronautics

A display that offers more than entertainment, this exhibit demonstrates competitions and other activities that are available to high school and college students. (Bldg. M - Lobby Area)

"Focus on Space"

Chris Thompson, host of television show *Focus on Space*, is available to tour you through the set for this production and to answer questions on NASA and space. Visitors are recorded on camera and superimposed into outer space! (Bldg. C-133)

Georgia Youth Science & Technology Centers

- **STARLAB Planetarium:** Come inside West GYSTC's STARLAB and explore the exciting beauty of space, the earth and human cells. Shows at 10:30 a.m., 11:15 a.m., 12 p.m., 2 p.m., 2:45 p.m. (Bldg. M lobby)

- **A terrific bad hair moment!** Getting acquainted with an electrostatic generator is a real hair-raising experience and much more energetic than a visit to your salon. (Bldg. M lobby)

- **Super Cool it!** Does it matter what effect liquid nitrogen has on matter? Come find out. (Bldg. M lobby)

- **Making Gork and Slime!** Hands-on science activities for elementary and middle school children are taught by GSAMS distance learning from GYSTC/ Museum of Aviation at Warner Robins. (Seating limited) (GSAMS Lab, BLDG. H)

Naval Air Station/Atlanta

The super exciting AH1 Super Cobra Helicopter plans to fly onto campus and bring its sophisticated technology to ground level and eye-level for us all. The HUMV Stinger Missile Team will also be demonstrating the technologies that are ready to defend our peace. (Between Dorms/ Bldgs. S & V)

Entertaining Experiences!

All day activities (10 a.m. - 4 p.m.)

- Oscar the Robot
- Face Painting (across from Bldg. H, south end)
- Miniature Train Rides (upper level campus)
- Dumbo Space Walk (front of Bldg. F)
- Marietta City Police remote-controlled Robo car (Parade Circle)
- WRFG Radio DJ Shows and Twister Contests (Across from Bldg. H)
- WGHR, Southern Tech's Radio Station Open House. *Come be a DJ!* (Bldg. A, Student Center lobby)
- Putt Putt Golf (campus upper level near Library, Bldg. C)
- Mimes
- Jugglers
- Clowns

Special Presentations!

10:30 a.m. - 11:15 a.m.

Abe Wright's Jazz Ensemble (Parade Circle)

11:30 a.m. - 12 noon

Rock n' Roll Band (Parade Circle)

11:30 a.m. - 12:30 p.m.

World Gym Aerobic Show (Main Stage Tent)

11:30 a.m.- 3 p.m. International Festival shows

(Bldg. A, Ballroom)

12:30 - 1 p.m.

NSBE Step Dancing Demonstration (Parade Circle)

1 - 1:30

World Gym Aerobic Show (Main Stage Tent)

1:30 - 2:30

Abe Wright's Jazz Ensemble (Bldg. M Patio)

1:30 - 2:15 p.m.

Rock n' Roll Band (Parade Circle)

2:30 - 3 p.m.

Choi Kwang Do demonstrations (Across from Bldg. H)

2:30 - 3:30 p.m.

530th Air Force Band (Main Stage Tent)

3 - 3:30 p.m.

NSBE Step Dancing (Bldg. M Patio)

Other times to remember:

STARLAB Planetarium shows:

(Bldg. M)

10:30 a.m., 11:15 a.m., 12 p.m., 2 p.m., 2:45 p.m.

Making Gork and Slime via long distance

learning! Hands on Science Activities for children

(GSAMS Lab, Bldg. H)

1:15 p.m., 2:15 p.m., 3:15 p.m.

NASA's Mars Pathfinder Mission Presentations

10:15 a.m., 12:15 p.m., 2:15 p.m.

(Bldg. M lobby)

NASA's Teacher Resource Center Demonstrations

11:15 a.m., 1:15 p.m., 3:15 p.m.

(Bldg. M lobby)

For assistance, remember TECHFEST Central, Bldg. F, Campus extension 7240

Special thanks to:

- Southern Tech Campus Activities Board (Stage tent)
- SCT Drama Club (Mimes, Jugglers)

Southern Tech's bookstore/shop is open on lower level of Bldg. A and on campus (near main stage)

Hungry or thirsty? Create a picnic with student food concessions around campus or visit the International Festival International Buffet at 11:00 a.m., Bldg. A.



