

*Silicon Valley Chapter of the Forth Interest Group***Meeting Agenda for Saturday, 1996 May 25**  
**230 Lincoln Centre Drive, Foster City, California**  
**Preview of Rochester Forth Conference Papers****9:45 Coffee and Donuts****10:00 A Great Script Maker and Interpreter, John Carpenter**

The Forth environment reveals to the programmer the tools for its own interpreter, from which high performance scripting languages can be made with their own parsing characteristics, and to which fuzzy interpretation schemes can be introduced for environmental interpretation such as voice.

Simple algorithms will be disclosed as tools to facilitate the development of these applications. An example of a scripting language would be "ExecDoc" which was implemented for an ABI thermal cycling robot at Stanford. It is easily understood by technicians, as well as by the machines themselves.

Another example would be a fuzzy interpreter which would have to do pattern matching to within a certain tolerance — a scheme which could perhaps call DNA bases straight from raw data.

Both these features would be valuable in the formation of a faster Java virtual machine, in the application of a Forth processor as a Java processor, in extending a Forth-based Java processor to handle scripts friendlier to application users, and in handling environmental interpretation.

**12:00 Lunch, most likely pizzas, and Glen Haydon's brown bag tutorial**

Bring your Forth problem to Glen and he will organize the tutorial accordingly.

**1:00 Introductions, Announcements, Rumors and Gossip****1:30 8 Megabaud Communication on POTS Lines, Dwight Elvey**

Our resident DSP expert will talk about how to communicate over the plain old telephone system at 6...8 megabaud. The copper wires have much greater capacity than people credit them for. The FCC regulations and Bell economics are the barriers keeping us back

**2:30 Break****3:00 Implementing Proportional Vote-Counting Schemes in Forth, John Rible**

John is working to install this voting system in Santa Cruz. It allows the voters to more accurately present their choice on candidates for a council.

**3:30 The Laws of Computing, V.2.0 and Zen of State Machines, C. H. Ting**

Currently there are five laws: The Law of Composition, The Law of Polymorphism, The Law of Simplicity, The Law of Modularity, and The Law of Correctness. Bring your own laws and share with the group. The state machine for traffic control will also be revisited.

**5:00 Adjourn**

**6:00 Dinner** We will follow whoever leads in making the choice to a nearby restaurant, and continue the discussions.

## North Bay FIG

Meets on the second Saturday of each month at 2055 Center Street, Berkeley.

Contact Leonard Morgenstern at 510.376.5241, or Email: nleonard@aol.com

## Contact Info

INFO WRONG OR ABSENT? PLEASE EMAIL:

forth@lmsc.lockheed.com

|                           |                               |                |                          |
|---------------------------|-------------------------------|----------------|--------------------------|
| George Perry (chairman)   | geoperry@catch22.com          |                |                          |
| C.H. Ting (program chair) | tingch@perkin-elmer.com       |                |                          |
| John Rible (treasurer)    | jrible@quicksand.com          |                |                          |
| Jay McKnight (secretary)  | jay_mcknight@citynet.org      |                |                          |
| Al Mitchell               | sysop@amresearch.com          | Byron Nilson   | bnilsen@wco.com          |
| Bill Nash                 | bnash@calweb.com              | John Cassady   | jcassady@ccnet.com       |
| Howard Purlmutter         | howard@alive.com              | Bob Smith      | rlsmith849@gnn.com       |
| John Bumgarner            | flyn4th@aol.com               | John Carpenter | jdc@genome.stanford.edu  |
| Alan Furman               | afurman@portal.com            | John Hall      | jdhall@netcom.com        |
| Andrew McKewan            | mckewan@netcom.com            | John Peters    | john.peters@toadhall.com |
| David Sanders             | 74437.152@compuserve.com      | Jim Scheider   | japs@netcom.com          |
| Jack Woehr                | jax@well.com                  | Jeff Fox       | jfox@netcom.com          |
| Glen Haydon               | ghaydon@forsythe.stanford.edu |                |                          |

## Forth Help

Below is a list of people who are ready and willing to help you with Forth-related problems in the listed areas:

|                    |                  |              |            |
|--------------------|------------------|--------------|------------|
| Basic Concepts     | John Konopka     | 415-574-4552 | Anytime    |
| Basic Concepts     | Robert Nash      | 916-487-2513 | After 5 PM |
| Chaos              | Bob Orfelt       | 415-369-9136 | Anytime    |
| eForth             | C. H. Ting       | 415-571-7639 | Evenings   |
| Emb Control        | Henrik Thurfjell | 408-737-1718 | Evenings   |
| Emb Control        | Al Mitchell      | 916-652-7472 | Anytime    |
| F83                | Mike Mayo        | 415-857-0522 | Evenings   |
| FPC                | C. H. Ting       | 415-571-7639 | Evenings   |
| FPC                | Jay McKnight     | 415-965-8187 | 10-5 PM    |
| FPC                | Mike Mayo        | 415-857-0522 | Evenings   |
| LMI Forth          | John Carpenter   | 415-960-1256 | Evenings   |
| Math               | Alfred Tang      | 510-537-7657 | T, Th      |
| OOP                | J. J. Sindaco    | 408-279-0741 | Evenings   |
| PolyForth          | John Carpenter   | 415-960-1256 | Evenings   |
| Product Ideas      | John Peters      | 415-239-5393 | After 6 PM |
| TCOM               | Mike Mayo        | 415-857-0522 | Evenings   |
| Timex              | Bob Orfelt       | 415-369-9136 | Anytime    |
| 68HC11, New Micros | John Konopka     | 415-574-4552 | Anytime    |

## Cool Websights

|                          |  |
|--------------------------|--|
| FIG International        | <a href="http://www.taygeta.com/fig.html">www.taygeta.com/fig.html</a> |
| Silicon Composers        | <a href="http://www.silcomp.com">www.silcomp.com</a>                   |
| VA Research (Dave Jaffe) | <a href="http://guide.stanford.edu">guide.stanford.edu</a>             |
| Lots of shareware        | <a href="http://www.shareware.com">www.shareware.com</a>               |
| Car Talk                 | <a href="http://www.cartalk.com">www.cartalk.com</a>                   |

## Silicon Valley FIG

Membership in the Silicon Valley Chapter of the Forth Interest Group is separate from International FIG. Dues are \$25.00 per year and may be paid at the meeting or sent to:

John Rible, SVFIG Chapter Treasurer  
317 California St.  
Santa Cruz, CA 95060-4215

Visitors are always welcome. We appreciate your support.

## Your Chapter Officers

|                 |               |                       |
|-----------------|---------------|-----------------------|
| Chair:          | George Perry  | (415) 757-3133 (NEW!) |
| Vice Chair:     | Peter Milford | (415) 725-0449        |
| Secretary:      | Jay McKnight  | (415) 965-8187        |
| Treasurer:      | John Rible    | (408) 458-0399        |
| Genie Liaison:  | Paul Snyder   | (408) 371-3063        |
| Disk Librarian: | Dwight Elvey  | (408) 423-3451        |
| Program Chair:  | C. H. Ting    | (415) 571-7639        |
| Communications: | Henry Vinerts | (510) 790-3945        |

## International FIG

Membership in the International Forth Interest Group is available for \$45 annually. Membership includes the bi-monthly magazine *Forth Dimensions*. Call the FIG office at (510) 89FORTH. Stop by the FIG home page at:

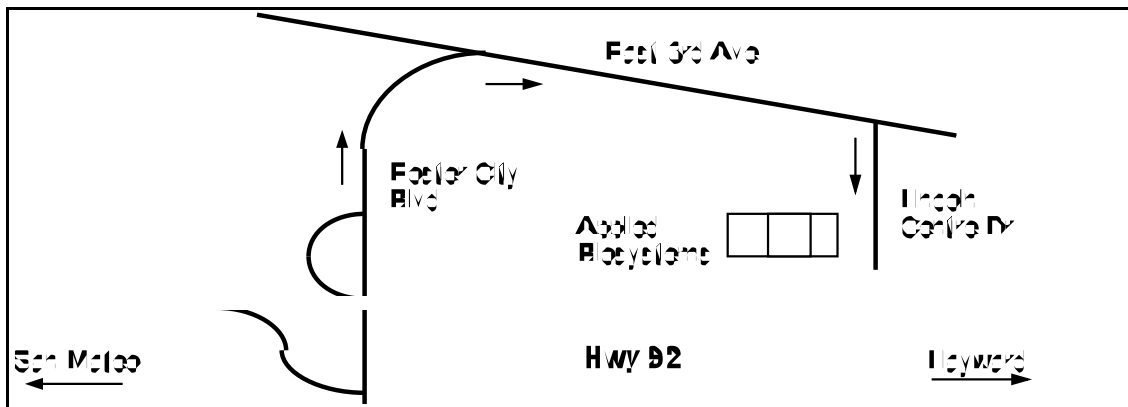
<http://www.taygeta.com/fig.html>

## Silicon Valley Chapter Business Meeting

The Business Meeting is normally held on the first Monday after the first Saturday of the month. Those interested in helping to plan our meetings are encouraged to attend. The next business meeting will be held on

Monday, June 3, 96 at 7:00 p.m.

The business meeting location is the Jack's Pizza on 2nd, 1/2 block west of "B" in San Mateo.



The meeting is held at Applied Biosystems near the north side of the west foot of the San Mateo-Hayward Bridge in Foster City. Take Hwy 92 to Foster City Blvd., exit northbound and toward the bay. At East 3rd Ave. turn right and then right again at Lincoln Centre Drive. Enter the second parking lot on the right.

*Silicon Valley Chapter of the Forth Interest Group*

**Meeting Agenda for Saturday, 1996 June 22**  
**230 Lincoln Centre Drive, Foster City, California**

**9:45** Coffee and Donuts

**10:00** The PC as an Embedded System — C. H. Ting

Mother boards in the PC are getting to be the cheapest and the most accessible embedded systems money can buy. Many recent 486 boards have integral serial ports and parallel ports, and an IDE disk controller and a floppy controller on board. These boards can be used for many different applications other than being a desk-top PC. What we need is a BIOS suitable for embedded applications. Ting will present such a eForth BIOS which can be used to develop interesting products. He is working on a similar eForth BIOS for the 486 which will boot directly into 486 protected mode. It may be used as a node in a parallel processing system for applications which require supercomputers.

**12:00** Lunch, most likely pizzas, and Glen Haydon's brown bag tutorial

Bring your Forth problems to Glen and he will organize the tutorial accordingly.

**1:00** Introductions, Announcements, Rumors and Gossip

**1:30** Forth Library Workshop

Rick VanNorman has collected all of the collectable Forth programs and literature and stored them in Skip Carter's Taygeta Internet site. Glen Haydon has published it in a CDROM, and made it more accessible to Forth programmers. However, things in this collection are not well organized and categorized. We would like members to **bring in a computer** to this workshop and collectively build a better referencing system so people can find what they need easily.

**Workshop Organization**

We will break the library into sections and assign sections to teams to examine the contents and determine how the contents should be organized and indexed, and to determine the specifications of the final reference. Something like the FPC hypertext may be used as the backbone of the reference.

**2:00** Working Session 1

Teams break their sections into smaller subsections. Members are assigned subsections and review their contents.

**3:00** Break

**3:30** Working Session 2

Team members merge their results to form section content references. Consider cross references among subsections.

**4:30** Report

Teams report their results and merge their results into a single reference. Work on index and glossaries.

**6:00** Dinner

We will follow whoever leads in making the choice to a nearby restaurant, and continue the discussions.

**North Bay FIG**

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| Jeff Fox       | jfox@netcom.com               | Howard Purlmutter | bnilsen@wco.com          |
| Alan Furman    | afurman@portal.com            | David Sanders     | howard@alive.com         |
| John Hall      | johnhall@aol.com              | Jim Scheider      | 74437.152@compuserve.com |
| Glen Haydon    | ghaydon@forsythe.stanford.edu | Bob Smith         | japs@netcom.com          |
| Andrew McKewan | mckewan@netcom.com            | Jack Woehr        | rlsmith849@gnn.com       |
|                |                               |                   | jax@well.com             |

See also email addresses in "Forth Help" and "Your Chapter Officers", below.

**Forth Help**

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**Cool Websights**

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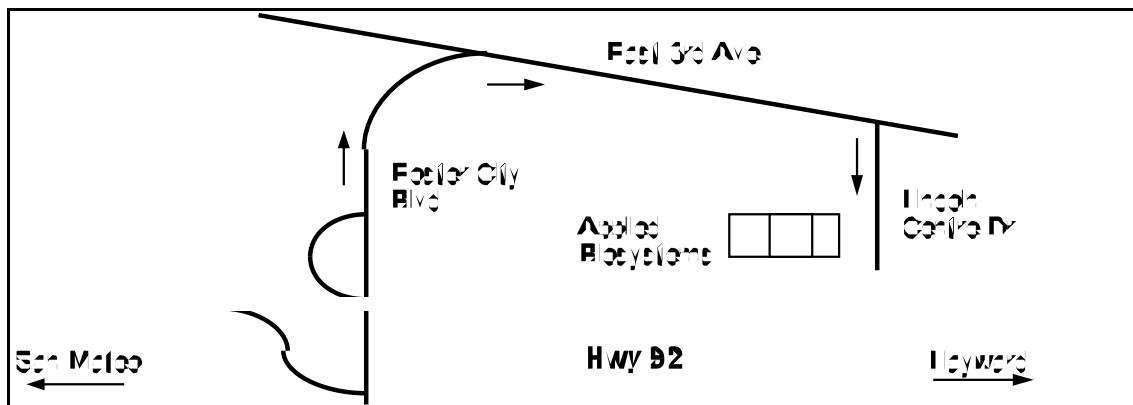
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|   |
|---|
| <i>Silicon Valley Chapter of the Forth Interest Group</i> |
|---|

## Meeting Agenda for Saturday, 1996 July 27

**! NOTE NEW MEETING PLACE !**

### Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

- 10:00 am**    **Coffee and Donuts**
- 10:15 am**    **Tutorial on ROMming eForth — C.H. Ting**  
 Dr. Ting will report on the progress of the Forth replacement of BIOS on the 486 motherboard.
- 12:00 Noon**    **Lunch (pizza? - subs from Togos?) and Glen Haydon's Brown Bag Tutorial**  
 Bring your forth problem to Glen and he will organize the tutorial accordingly.
- 1:00 pm**    **Introductions, Announcements, Rumors and Gossip**
- 1:30 pm**    **ENTCON'96 West — Doug Hammed**  
 This is a report on Bill Gates' EntCon (Enterprise Convention for small businesses or startups) which happened recently.
- 2:00 pm**    **Break**
- 2:30 pm**    **Rochester'96 Report - Panel of those who attended**  
 Attendees of the Rochester Forth Conference which was held in Toronto, Ontario this last June will report on their experiences and findings.
- 3:30 pm**    **Adjourn - Yes, these people close up at 4:00 pm on Saturdays.**
- Post meeting "tea"** at a Mountain View coffee house or somewhere is possible, if it is too early for dinner.

#### North Bay FIG

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| FPC                | Jay McKnight     | 415-965-8187 | jay_mcknight@citynet.org | 12...5 pm  |
| FPC                | Mike Mayo        | 415-857-0522 |                          | Evenings   |
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| Timex              | Bob Orfelt       | 415-369-9136 |                          | Anytime    |
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#### Cool Websights

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| VA Research (Dave Jaffe) | guide.stanford.edu       | Car Talk          | www.cartalk.com |
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### Your Chapter Officers

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| Genie Liaison:     | Paul Snyder             | 408-371-3063 |                          |
| Disk Librarian:    | Dwight Elvey            | 408-423-3451 |                          |
| NEW Program Chair: | John Carpenter          | 415-960-1256 |                          |
|                    | jdc@genome.stanford.edu |              |                          |
| Communications:    | Henry Vinerts           | 510-790-3945 |                          |

## Getting to Cogswell College

The first part of getting to Cogswell College is the same as getting to Onizuka Air Force Base. There are signs on US101 and CA237 pointing to Onizuka; they are your best guide to getting off of the freeways at the right place.

From US101 Southbound: Exit "Alviso Milpitas, CA237 East"; stay in right lane, then exit to Mathilda Av, staying in far right lane (of 3 lanes), making left turn at stop lite into far right lane, where you go under the freeway. CONTINUES

From US101 Northbound: Exit "Mathilda Ave North, East CA 237"; stay in right lane (but do NOT exit CA 237 East); continue north under CA237 freeway. CONTINUES

From CA237 Eastbound: after you go over US101, get in right lane, then exit to Mathilda Av, staying in far right lane (of 3 lanes), making left turn at stop lite into far right lane, where you go under the freeway. CONTINUES

From CA237 Westbound: Exit "Mathilda Av Sunnyvale South 101 Exit Only"; stay in right lane, turning right (a U turn). CONTINUES

CONTINUATION: Moffett Park Dr. is the first street & stop lite, parallel to the CA 237 freeway, and about 100 feet north of it. Turn right on Moffett Park Dr, go one block to Bordeaux, turn left on Bordeaux, go about one-half block to third driveway on the left on Bordeaux, which has "Cogswell College" sign. Turn in; park in lot straight ahead; building on right is Cogswell; entrance is about 2/3 of the way down the building.

The Sunnyvale Caltrain station is near Mathilda, but if Saturday transit is spotty, its a long walk — bring a bike (allowable on Caltrain).

## Silicon Valley Chapter of the Forth Interest Group

### Meeting Agenda for Saturday, 1996 Aug 24

**! NOTE MEETING PLACE !**

## Cogswell College

**1175 Bordeaux Dr, Sunnyvale, California**

**09:45 am Coffee and Donuts**

**10:00 am Tethering 486s — C. H. Ting**

Dr. Ting will report on the progress of the booting to Forth on 486 motherboards that are tethered to a 486 PC. He has found a way to do this through the video ROM.

**11:00 am The Latest Goings on at iTV — Jeff Fox**

Jeff will tell us what he can on what is being done with the V21, and how it is going. Is it a contender for being a Java engine? Come and find out.

**12:00 Noon Lunch (pizza? subs from Togos?) and Glen Haydon's Brown Bag Tutorial.**

Bring your forth problem to Glen and he will organize the tutorial accordingly.

**1:00 pm Introductions, Announcements, Rumors and Gossip**

**1:30 pm FORTH and Technomadics: Distributed Control Systems Aboard the Microship — Steve Roberts**

Included will be a slide show on BEHEMOTH, his computerized bike, and possibly a video of MICROSHIP, but in any case the boat work in progress. This all involves the use of Forth in these applications — should be very interesting!

**2:30 pm Break — as time allows from Steve's talk with Q's & A's and all.**

**3:00 pm What to do about Forth Day and FORML - Moderated by George Perry or his designate.**

This is a discussion and tentative planning for Forth Day, and what we would like to see done for the Standard at FORML.

**3:30 pm Adjourn (The school closes up at 4 pm on Saturdays.)**

**Post meeting "tea"** at a Mountain View coffee house or somewhere else is possible if it is too early for dinner.

**NOTE: Volunteers needed to help man the booth for the Embedded Systems Conference in San Jose, 1996-09-16 ... 19. Call Doug Hammed, 415 570 5773, email aecho@hooked.net .**

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 Jeff Fox jfox@netcom.com David Sanders 74437.152@compuserve.com  
 Alan Furman afurman@portal.com Jim Schneider japs@netcom.com  
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| Silicon Composers                                   | www.silcomp.com    | Lots of shareware | www.shareware.com                    |
| VA Research (Dave Jaffe)                            | guide.stanford.edu | Monty Python      | http://www.pythonline.com            |
| Car Talk  | www.cartalk.com    | AM Research       | http://www.AMResearch                |
| The Computer Journal                                |                    |                   | http://www2.psyber.com/~tcj          |
| Mountain View Press                                 |                    |                   | http://www.taygeta.com/jfar/mvp.html |
| Space Related Applications of Forth                 |                    |                   | http://groucho.gsfc.nasa.gov/forth   |
| Intel Secrets/Things Intel Doesn't Want You to Know |                    |                   | http://www.x86.org                   |

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| Secretary:      | Jay McKnight   | 415-965-8187 | jay_mcknight@citynet.org  |
| Treasurer:      | John Ribble    | 408-458-0399 | jribble@quicksand.com     |
| Genie Liaison:  | Paul Snyder    | 408-371-3063 |                           |
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## Silicon Valley Chapter of the Forth Interest Group

# Meeting Agenda for Saturday, 1996 Sep 28

## ! NOTE MEETING PLACE !

# Cogswell College

## 1175 Bordeaux Dr, Sunnyvale, California

**9:45 am Coffee and Donuts**

**10:00 am The Design of P16 — C.H. Ting**

Dr. Ting will report on the design of a 16-bit uProcessor based upon the P21.

**12:00 Noon Lunch** (pizza? — subs from Togos?) and *Glen Haydon's* Brown Bag Tutorial Bring your forth problem to Glen and he will organize the tutorial accordingly.

**1:00 pm Introductions, Announcements, Rumors and Gossip**

**1:30 pm Six Legged House Cat Running About — Skip Carter**

This is a report on his 6-legged robot which is now an entry in a robot contest.

**2:30 pm Break — Check out Skip's Buoy as well as his robot.**

**3:00 pm What Happened at Embedded Systems Conference — Panel of those who attended**

The conference was fancier and the food was nicer at the new setting in San Jose. It all happened on the 16th through 19th of this month. Now to share the technology found. Yes there are 486 business size cards less memory for 400 \$ for quantities of 1 — getting closer to what Ting has in mind!

**4:00 pm Adjourn**

Post meeting "tea" at a Mountain View coffee house or somewhere else is possible — if it is too early for dinner.

**North Bay FIG**

Meets on the second Saturday of each month at 2055 Center Street, Berkeley.

Contact Leonard Morgenstern at 510-376-5241, or Email: nleonard@aol.com

### Contact Info

INFO WRONG OR ABSENT? PLEASE EMAIL: jay\_mcknight@citynet.org

|                |                               |                   |                          |
|----------------|-------------------------------|-------------------|--------------------------|
| John Bumgarner | flyn4th@aol.com               | Byron Nilsen      | bnilsen@wco.com          |
| John Cassady   | jcassady@ccnet.com            | Howard Purlmutter | howard@alive.com         |
| Jeff Fox       | jfox@netcom.com               | David Sanders     | 74437.152@compuserve.com |
| Alan Furman    | afurman@portal.com            | Jim Schneider     | japs@netcom.com          |
| John Hall      | johnhall@aol.com              | Bob Smith         | rlsmith849@gnn.com       |
| Glen Haydon    | ghaydon@forsythe.stanford.edu | Jack Woehr        | jax@well.com             |
| Andrew McKewan | mckewan@austin.finnigan.com   |                   |                          |

See also email addresses in "Forth Help" and "Your Chapter Officers", below.

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| Car Talk  | www.cartalk.com    | AM Research       | www.AMResearch                |
| Forth Resource (Skip Carter.)                       |                    |                   | www.taygeta.com/fig.htm       |
| The Computer Journal                                |                    |                   | www2.psyber.com/~tcj          |
| Mountain View Press                                 |                    |                   | www.taygeta.com/jfar/mvp.html |
| Space Related Applications of Forth                 |                    |                   | groucho.gsfc.nasa.gov/forth   |
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## Silicon Valley Chapter of the Forth Interest Group

# Meeting Agenda for Saturday, 1996 Oct 26

## Cogswell College

**1175 Bordeaux Dr, Sunnyvale, California**

### 09:45 Coffee and Donuts

### 10:00 P16 Processor in Verilog HDL — C. H. Ting

Ting had ported the P16 design into Verilog's hardware description language (HDL). He will give a short introduction to HDL and discuss the HDL design of the P16. The HDL simulator is a very interesting toy to jig logic around. It is even more amazing that these logic descriptions can actually be compiled into silicon automatically. Ting may demonstrate a P16 implementation on an FPGA through the HDL.

**12:00 Lunch** (pizza? - subs from Togos?) and *Glen Haydon's Brown Bag Tutorial* Bring your forth problem to Glen and he will organize the tutorial accordingly.

### 13:00 Introductions, Announcements, Rumors and Gossip

### 13:30 MicroArrayer — John Carpenter

A brief description will be made of a robotic microarrayer which, when coupled with a laser scanner, allows the identification of particular DNA sequences in as many as 96 samples in parallel. Some software tools for a DOS based human interface that is amazingly compatible to an environment in a Win95 window will be demonstrated.

### 14:30 Break

### 15:00 To be Announced.

If no speaker is identified by meeting time, this will be a brain storming session for compiling a list of subjects/speakers for future meetings.

### 16:00 Adjourn

Post meeting "tea" at a Mountain View coffee house or somewhere else is possible, if it is too early for dinner.

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 John Cassady [jcassady@ccnet.com](mailto:jcassady@ccnet.com) Howard Purlmutter [howard@alive.com](mailto:howard@alive.com)  
 Jeff Fox [jfox@netcom.com](mailto:jfox@netcom.com) David Sanders [74437.152@compuserve.com](mailto:74437.152@compuserve.com)  
 Alan Furman [afurman@portal.com](mailto:afurman@portal.com) Jim Schneider [japs@netcom.com](mailto:japs@netcom.com)  
 John Hall [johnhall@aol.com](mailto:johnhall@aol.com) Bob Smith [rlsmith849@gnn.com](mailto:rlsmith849@gnn.com)  
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| Forth Resource (Skip Carter.)                       |  |                   | <a href="http://www.taygeta.com/fig.htm">www.taygeta.com/fig.htm</a>             |
| The Computer Journal                                |  |                   | <a href="http://www2.psyber.com/~tcj">www2.psyber.com/~tcj</a>                   |
| Mountain View Press                                 |  |                   | <a href="http://www.taygeta.com/jfar/mvp.html">www.taygeta.com/jfar/mvp.html</a> |
| Space Related Applications of Forth                 |  |                   | <a href="http://groucho.gsfc.nasa.gov/forth">groucho.gsfc.nasa.gov/forth</a>     |
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## Silicon Valley Chapter of the Forth Interest Group

# Forth Day: 1996 Nov 16

**! NOTE THIRD SATURDAY !**

**at Cogswell College**

**1175 Bordeaux Dr, Sunnyvale, California**

### \*\*COGSWELL COLLEGE STUDENTS ARE INVITED TO ATTEND\*\*

For all: There is no registration fee this year. The banquet will be at Tomisono in Sunnyvale. It is buffet style and costs about 20 dollars which is to be paid there.

#### **9:45 Registration, Coffee, and Donuts**

#### **10:00...12:00 First Session: ANSI Standard Forth and Such, Technical Discussions — John Rible**

Those who are interested in presenting these topics should e-mail John Rible (jrible@quicksnd.com). 15-20 minute time blocks will be allotted including questions.

#### **11:00...12:00 Programming Contest: Puzzle Cube**

One puzzle cube will be published as an example. Contestants will have one hour to do another puzzle cube. This will be held in the cafeteria near the meeting room.

#### **12:00 The Big Annual BBQ — Ting**

Burgers and Dogs. This will be out in entry way court near the parking lot.

#### **12:00...14:30 Exhibits: Vendors and Hobbyists**

This will be in the cafeteria and will be concurrent with the first afternoon session.

#### **13:00 Awards and Solution Announcement — Programming Contest**

#### **13:30...14:30 Second Session: Chapter Affairs — George Perry**

Those who are interested in presenting this topic should e-mail George Perry (geoperry@catch22.com). 15 minute time blocks will be allotted including questions.

#### **14:30 Fireside Chat — Charles Moore**

Charles Moore is the inventor of the Forth language as well as some advanced processors which run it.

#### **16:00 Adjoin to Social Hour at Tomisono.** They will open early for us.

1146 West El Camino, Sunnyvale. Phone 408-732-1678 if you get lost.

#### **17:00 Banquet at Tomisono — Sushi and hot foods buffets**

The restaurant is at 1146 West El Camino, Sunnyvale. Cost will be about 20 dollars. We normally have about 20 people attending. Phone 408-732-1678 if you have questions concerning the menu.

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| Jeff Fox       | jfox@netcom.com               | David Sanders     | 74437.152@compuserve.com |
| Alan Furman    | alanf@aimnet.com              | Jim Schneider     | japs@netcom.com          |
| John Hall      | johnhall@aol.com              | Bob Smith         | rlsmith849@gnn.com       |
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| Basic Concepts     | Robert Nash      | 916-487-2513 | bnash@calweb.com          | After 5 pm |
| Chaos              | Bob Orfelt       | 415-369-9136 |                           | Anytime    |
| eForth             | C. H. Ting       | 415-571-7639 | pting@netcom.com          | Evenings   |
| Emb Control        | Henrik Thurfjell | 408-737-1718 |                           | Evenings   |
| Emb Control        | Al Mitchell      | 916-652-7472 | sysop@amresearch.com      | Anytime    |
| F83                | Mike Mayo        | 415-857-0522 |                           | Evenings   |
| FPC                | C. H. Ting       | 415-571-7639 | pting@netcom.com          | Evenings   |
| FPC                | Jay McKnight     | 415-965-8187 | jay_mcknight@citynet.org  | 12...5 pm  |
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| LMI Forth          | John Carpenter   | 415-960-1256 | jdcar@leland.stanford.edu | Evenings   |
| Math               | Alfred Tang      | 510-537-7657 |                           | T, Th      |
| OOP                | J. J. Sindaco    | 408-279-0741 |                           | Evenings   |
| PolyForth          | John Carpenter   | 415-960-1256 | jdcar@leland.stanford.edu | Evenings   |
| Product Ideas      | John Peters      | 415-239-5393 | john.peters@toadhall.com  | After 6 pm |
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| 68HC11, New Micros | John Konopka     | 415-574-4552 |                           | Anytime    |

### Cool Websights

|   |                    |                   |                               |
|---|--------------------|-------------------|-------------------------------|
| Silicon Composers                                   | www.silcomp.com    | Lots of shareware | www.shareware.com             |
| VA Research (Dave Jaffe)                            | guide.stanford.edu | Monty Python      | www.pythonline.com            |
| Car Talk  | www.cartalk.com    | AM Research       | www.amresearch.com            |
| Forth Resource (Skip Carter.)                       |                    |                   | www.taygeta.com/fig.htm       |
| The Computer Journal                                |                    |                   | www2.psyber.com/~tcj          |
| Mountain View Press                                 |                    |                   | www.taygeta.com/jfar/mvp.html |
| Space Related Applications of Forth                 |                    |                   | groucho.gsfc.nasa.gov/forth   |
| Intel Secrets/Things Intel Doesn't Want You to Know |                    |                   | www.x86.org                   |

### International FIG

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## Silicon Valley Chapter Business Meeting

The Business Meeting is normally held on the first Monday after the first Saturday of the month. Those interested in helping to plan our meetings are encouraged to attend. The next business meeting will be held on

Monday, 1996 December 9 at 7:00 p.m.

The business meeting location is the Jack's Pizza on 2nd, 1/2 block west of "B" in San Mateo.

### Your Chapter Officers

|                 |                |              |                           |
|-----------------|----------------|--------------|---------------------------|
| Chair:          | George Perry   | 415-757-3113 | geoperry@catch22.com      |
| Vice Chair:     | Peter Milford  | 415-725-0449 |                           |
| Secretary:      | Jay McKnight   | 415-965-8187 | jay_mcknight@citynet.org  |
| Treasurer:      | John Rible     | 408-458-0399 | jrible@quicksand.com      |
| Genie Liaison:  | Paul Snyder    | 408-371-3063 |                           |
| Disk Librarian: | Dwight Elvey   | 408-423-3451 |                           |
| Program Chair:  | John Carpenter | 415-960-1256 | jdcar@leland.stanford.edu |
| Communications: | Henry Vinerts  | 510-790-3945 | v.vinerts@genie.com       |

## Getting to Cogswell College

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The Sunnyvale Caltrain station is near Mathilda, but if Saturday transit is spotty, its a long walk — bring a bike (allowable on Caltrain).

## Silicon Valley Chapter of the Forth Interest Group

# Meeting Agenda for Saturday, 1996 Dec 21

! NOTE THIRD SATURDAY !

## Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

**09:45 Coffee and Donuts**

**10:00 Field Programmable Gate Arrays — C. H. Ting**

Ting will talk particularly about the Atmel AT600 family of FPGAs and how they would relate to Forth (and Java?).

**12:00 Lunch** (pizza? - subs from Togos?) and

**Glen Haydon's Brown Bag Tutorial.** Bring your Forth problem to Glen and he will organize the tutorial accordingly.

**13:00 Introductions, Announcements, Rumors and Gossip**

**13:30 TrueType is a Cousin? — Bob Smith**

Bob has been working with True Type used in Windows95 to get it to place musical notes. In order to do this, he had to break into the script which forms characters for display and printing. Bob will describe the script and his usage of it.

**14:30 Break**

**15:00 What Happened at FORML? — a panel of those who attended.**

The theme for FORML this last November was the Forth standard and what to do for the first ANSI standard revision. Anyone who has attended EuroFORML in St. Petersburg this last October is also invited to tell us about their experiences and what has happened at that conference.

**16:00 Adjourn**

Post meeting "tea" at a Mountain View coffee house or somewhere else is possible, if it is too early for dinner.

North Bay FIG

Meets on the second Saturday of each month at 2055 Center Street, Berkeley.

Contact Leonard Morgenstern at 510-376-5241, or Email: [nleonard@aol.com](mailto:nleonard@aol.com)

### Contact Info

INFO WRONG OR ABSENT? PLEASE EMAIL: [jay\\_mcknight@citynet.org](mailto:jay_mcknight@citynet.org)

John Bumgarner [flyn4th@aol.com](mailto:flyn4th@aol.com)

Byron Nilsen [bnilsen@wco.com](mailto:bnilsen@wco.com)

John Cassidy [jcassady@ccnet.com](mailto:jcassady@ccnet.com)

Howard Purlmutter [howard@alive.com](mailto:howard@alive.com)

Jeff Fox [jfox@netcom.com](mailto:jfox@netcom.com)

David Sanders [dsanders@sirius.com](mailto:dsanders@sirius.com)

Alan Furman [afurman@portal.com](mailto:afurman@portal.com)

Jim Schneider [japs@netcom.com](mailto:japs@netcom.com)

John Hall [johnhall@aol.com](mailto:johnhall@aol.com)

Bob Smith [rlsmith849@gnn.com](mailto:rlsmith849@gnn.com)

Glen Haydon [ghaydon@forsythe.stanford.edu](mailto:ghaydon@forsythe.stanford.edu)

Jack Woehr [jax@well.com](mailto:jax@well.com)

Andrew McKewan [mckewan@austin.finnigan.com](mailto:mckewan@austin.finnigan.com)

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| VA Research (Dave Jaffe)                            | <a href="http://guide.stanford.edu">guide.stanford.edu</a> | Monty Python      | <a href="http://www.pythonline.com">www.pythonline.com</a>                       |
| Car Talk  | <a href="http://www.cartalk.com">www.cartalk.com</a>       | AM Research       | <a href="http://www.amresearch.com">www.amresearch.com</a>                       |
| Forth Resource (Skip Carter)                        |  |                   | <a href="http://www.taygeta.com/fig.htm">www.taygeta.com/fig.htm</a>             |
| The Computer Journal                                |  |                   | <a href="http://www2.psyber.com/~tcj">www2.psyber.com/~tcj</a>                   |
| Mountain View Press                                 |  |                   | <a href="http://www.taygeta.com/jfar/mvp.html">www.taygeta.com/jfar/mvp.html</a> |
| Space Related Applications of Forth                 |  |                   | <a href="http://groucho.gsfc.nasa.gov/forth">groucho.gsfc.nasa.gov/forth</a>     |
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