SVFIG
Speakers' Schedule
Saturday, December 16, 2017

Forth Book of the Month

Andreas Wagner will **NOT** be offering copies of "Starting Forth" and the Book of the Month for $10 each.

SVFIG T-Shirts

Brad Nelson will be selling high quality black t-shirts sporting the SVFIG logo for $15 each, $3 additional for shipping.

Meeting Videos

- This meeting's live video stream and past videos (please subscribe to this YouTube channel)
- Dennis Ruffer's video channel
- Search for SVFIG videos on YouTube

Future Meeting Dates

SVFIG is scheduled to meet on the fourth Saturday of each month in 2018 with the following exceptions:
- May - this meeting may be cancelled due to possible participation in the Maker Faire
- November 17th - Third Saturday - Forth Day
- December 15th - Third Saturday

Any deviations from the posted meeting schedule will be announced.

Meetup RSVP

    If you are planning to attend this month's meeting in person <u>or via YouTube</u>, please RSVP on <u>Meetup.com</u>. If not, there is no need to offer your regrets.

Notes for First-time Attendees

1) Print a Stanford map showing the meeting location, the <u>Peterson Building</u>, so you can find it easily. If you get lost, call Kevin Appert at 650/678-0532

2) Browse the <u>General Meeting Information</u>.

3) Park in one of these suggested locations: along Santa Teresa Street, in the lot near the intersection of <u>Santa Teresa Street and Lomita Drive</u>, or in any "A" or "C" designated areas. Do NOT park in places marked with 24/7 restrictions! Most other spots are okay on Saturdays. There is no need to feed the parking meters on the weekends. **When in doubt, read the signs!**

Links to Other SVFIG Information

- <u>Meeting Notes Archive</u> includes presentation PDFs, meeting videos, source files, and links

- <u>Past Meeting Announcements Archive</u>

- <u>Next Meeting Details and a link to the Speakers' Schedule</u>

Meeting Schedule

10:00 --- Coffee and a Chat

10:30 --- Quantum Computing Becomes Routine - Jack J. Woehr
   "We're still years off from a generally marketable quantum computer, but it's obvious that it's really going to happen. I'll identify resources on the web that will let you get started with quantum computing right now."

11:30 --- Lunch
   We will enjoy lunch at <u>The Treehouse</u>.

13:00 --- Floppy Emulator - Dwight Elvey
   Dwight spoke about the <u>HxC Universal Floppy Disk Drive Emulator</u> he purchased and his plans to port Forth to it.

13:10 --- Non-Coding DNA in c.Ruddii - CH Ting
   "Ruddii is the smallest free-living proto-bacterium, with 173802 bases and 227 identified genes. Forty sequences of 14764 bases are non-coding DNA. I hope to find how a cell's 'computer' is 'programmed' with these non-coding DNA sequences. To do so, I have written a pattern matching program to identify repeating patterns in these sequences. There are interesting features that I have observed, but so far no smoking gun has been found. I will show you the progress I have made as well as the challenges I have encountered."

14:00 --- Break

14:20 --- Port of the Sockpuppet API to the Cortex-M0 - Robert Sexton

"I'll demonstrate MPE Forth Lite running under WINE and compile binaries that can be installed with the built-in DFU (Device Firmware Update) boot loader onto the STMF072B Discovery board. The Forth prompt is available via a USB CDC (Communications Device Class) interface without any special dongles."

15:20 --- Random Access

We'll engage in discussion or view videos from Forth Day or about the Apollo Program onboard computer.

16:00 --- Clean Up & Adjourn

While we try to adhere to this meeting schedule, sometimes a presentation unexpectedly runs long or the presentation starting times need to be reassigned. If you're desperate to see a particular presentation at a specific time, please alert us and we'll do our best to accommodate your desires.

Dave Jaffe, the FIG and SVFIG webmaster, adapted this document from the Speakers' Schedule posted on GitHub created by Kevin Appert, the SVFIG Program Chair. Your comments, corrections, and suggestions are always welcome.

No Newsgroup posts or other media distribution please! Contact Kevin if you wish to advertise SVFIG meetings.