



Speakers' Schedule

SVFIG August Meeting August 22, 2015 Fourth Saturday of August!

Google+ Hangout

SVFIG will participate in a [Google+ Hangout](#). Its YouTube video stream should let everybody watch this meeting in real-time, while questions and comments can either be posted on Google or emailed to the [SVFIG email list](#). Contact [Kevin Appert](#) if you are not subscribed.

Meeting Dates

SVFIG will meet on the fourth Saturday of each month in 2015 with the following exceptions:
November (Forth Day) & December – These meetings will be held on the third Saturday
Any deviations from the [meeting schedule](#) will be announced.

Meetup RSVP

If you are planning to attend this month's meeting, please RSVP on [Meetup.com](#). If not, there is no need to offer your regrets.

First-time Attendees

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

- 2) Browse the [additional online information](#).
- 3) Park in suggested locations: along Santa Teresa Street, the lot near the intersection of [Santa Teresa Street and Lomita Drive](#), or in any “A” or “C” designated areas. There is no need to feed the parking meters on the weekends. Do NOT park in places marked with 24/7 restrictions! Most other spots are okay on Saturdays. **When in doubt, read the signs!**

Other

Other Details: Details beyond this meeting schedule and coming attractions have been sent in an email announcement and can be found online [here](#).

Past Meeting Announcements: Meeting details beyond this agenda will be included in an SVFIG email announcement and are archived [here](#).

Meeting Notes: Additional information including PowerPoint slides, PDFs, meeting videos, source files, meeting notes, and links from this and previous months' SVFIG meetings, including those from past Forth Days, are (or will be) posted [here](#).

Meeting Schedule

10:00 --- J1a SwapForth, J1a FPGA Processor, and the IceStorm Open Source Tool Chain --- James Bowman

James will present his J1a [SwapForth](#), J1a FPGA processor, and the IceStorm open source tool chain.

- The CPU is a J1a - a trimmed-down version of the J1.
- The interactive Forth system is a much-reduced version of SwapForth, built for the J1a.
- The trimming-down is motivated by the very low-end FPGA, the [Lattice iCE40 Ultra / UltraLite](#). This [FPGA](#) is available in a 1.4x1.4 mm package for \$1.39.
- The project is built using [IceStorm](#), a complete open source tool chain for these Lattice FPGAs.

11:00 --- Haiku Monthly --- Brad Nelson

Join our monthly voyage into the kaleidoscopic world of Forth Haiku. Catch the news, views, and hues of the latest Haiku gems.

11:30 --- Lunch

The [Treehouse](#) is closed for renovation this month.

13:00 --- Introductions, Rumors, and Gossip

13:10 --- New Things --- Audience Participation

This will be similar to Dave's "Interesting Items" presentations, but you are encouraged to find and contribute one or two items yourself. Here are a few items to inspire you:

- [The Tube Store](#)
- [FireFly 5Y3FF](#)
- [USB Detector Current Voltage Tester](#)

13:30 --- RapidIO and its Future Application in the Kestrel-3 --- Samuel A. Falvo II

Sam will talk about [RapidIO](#), a packet-switched fabric interconnect. What will it do for Kestrel-3?

- [Wikipedia entry](#)

14:30 --- Break

14:35 --- A Better USB Multi-Boot --- John E. Harbold

John will present a better way to partition a USB hard disk to boot both 32-bit and 64-bit versions of Fedora 22 and 64-bit Ubuntu 15.04 (Vivid Vervet) with update capability of GRUB across all partitions.

16:00 --- Clean Up and Adjourn

Ad Hoc --- SVFIG Film Festival

Suggested items include:

- [Engineering TV](#)
- Randall Munroe (xkcd): TED Talk: [Comics that ask "what if?"](#) (video 9:29)

While we try to adhere to the schedule, sometimes a presentation runs a little long. 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 needs.

The schedule above may be reformatted or line-justified, but please transmit it verbatim or not at all. A link to this page is preferred.

No Newsgroup posts or other media distribution please!

This schedule document is produced by [Kevin Appert](#), the SVFIG Program Chair. It is distinct from the SVFIG and FIG websites which are produced by the SVFIG Webmaster, Dave Jaffe. Your comments, corrections, and suggestions are always welcome.

