

August SVFIG Meeting

Fourth Saturday
24-August-2013

Google+ Hangout

SVFIG will participate in a [Google+ Hangout](#). The YouTube video stream should let everybody join in, while questions and comments can either be posted on Google or emailed to the [SVFIG email list](#). When it is started, the URL for the video stream will be posted on the Hangout page and emailed to members of the SVFIG list. Material with intellectual property conflicts will not be streamed.

A subscription to Google+ is not required to view the video.

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SVFIG meets on the fourth Saturday of each month this year with the following exceptions:

November and December – meetings will be held on the third Saturday

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If you are planning to attend the meeting, please register on [Meetup.com](#). If you are not planning to attend, there is no need to register.

NOTES FOR FIRST-TIME ATTENDEES:

- 0) Some of this month's meeting topics do not pertain directly to Forth. You are welcome to skip the parts which don't interest you!
- 1) Print a map so you can find the building easily. If you get lost, call Kevin Appert at 650/678-0532
- 2) Browse the [additional online information](#).
- 3) Suggested parking is in the small lot near the intersection of [Santa Teresa St and Lomita Dr.](#) You may park in any "A" or "C" designated areas. There is no need to feed the meter on the weekends. Do NOT park in any place marked with 24/7 restrictions! Most other places are okay on Saturdays. **Read the signs!**

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This page is for the schedule and coming attractions only. Other meeting details will be included in the email announcement and will be posted online [here](#).

Links, PowerPoint slides, PDFs, meeting videos, and source files from previous months' meetings are posted on the [SVFIG website](#).

Speakers' Schedule

09:45 --- Coffee and a Chat

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10:00 --- Escher Woodcut --- [Chen Hanson Ting](#)

"I have stitched together the woodcut [Metamorphosis III](#) by M. C. Escher. The original woodcut is 22 feet long. I will scroll through it with a fugue from Bach's Music Offering. The video is about 6 minutes long. I will bring in two picture books of Escher's works and talk a little bit about Photoshop and After Effects from Adobe."

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11:45 --- Lunch

We'll walk to the [Treehouse](#) in the Tresidder Memorial Union for lunch.

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

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13:20 --- Program the GA144 without Hardware Using Softsim --- John Rible

This not-yet-released update to the Green Arrays software simulator (Softsim) allows you to "program the GA144 without hardware" for many applications. John will demonstrate it and look "under-the-hood" to describe how the 144 asynchronous parallel computers are modeled on a single serial PC using continuations.

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14:15 --- Break

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15:00 --- Silicon Labs C2 Programmer in Forth --- Bob Nash

"I have just completed building a Forth-based programmer for Silicon Laboratories chips that uses their C2 (two wires and a ground) flash-programming interface. The programmer was needed because the Silicon Laboratories IDE and hardware

programming interface only works on Windows."

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15:30 --- Kestrel-2 Update, or Why Operating Systems Exist --- Samuel A. Falvo II

"TL;DR: Kestrel-2 Forth is at a stand-still, because I'm running out of memory! Yet, I know the Kestrel is capable of running surprisingly sophisticated software within its 16KB memory space. What to do?"

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Random Access

Impromptu talks, amiable ambling discussions, sauntering through [news:comp.lang.forth](http://news.comp.lang.forth), and other conversations will be offered for your amusement in any interstices. This may delay the start of scheduled talks.

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15:55 --- Clean Up

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16:00 --- Adjourn

Do we try to stick to the schedule? Yes, most of the time. Sometimes a presentation runs a little long. Opportunities to learn something new and unexpected abound. Once in a while we shuffle things around. If you're desperate to see a particular thing at a particular time, please mention it and we'll try to accommodate you.

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 page 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](#). His work is more carefully done and is of better quality but the monthly announcement has its own *je ne sais quoi*. Corrections and other comments are encouraged.

