Speakers' Schedule

SVFIG March Meeting
March 28, 2015

Fourth Saturday of March!

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Google+ Hangout

SVFIG will participate in a [Google+ Hangout](#). Its YouTube video stream should let everybody watch in real-time, while questions and comments can either be posted on Google or emailed to the [SVFIG email list](#).

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Meeting Dates

SVFIG will meet on the fourth Saturday of each month in 2015 with the following exceptions:
      May - No meeting, attend Maker Faire on May 16th and 17th
      November (Forth Day) & December - Meetings will be held on the third Saturday
      Any additional exceptions will be announced.

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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.

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First-time attendees

1) Print a Stanford map showing the location of the venue – the [Peterson Building](#) on the campus of Stanford University - 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 any place marked with 24/7 restrictions! Most other places are okay on Saturdays. **When in doubt, read the signs!**

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Other

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

Additional information including PowerPoint slides, PDFs, meeting video urls, source files, meeting notes, and links from this and previous months' SVFIG meetings, including those from Forth Day 2014, will be posted on [here](#).

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Meeting Schedule

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9:45 --- Coffee and a Chat

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10:00 --- Cubic Virial Equation of State --- CH Ting
   When considering gas, liquid, solid state equilibrium, the Cubic Virial Equation of State performs much better than the van der Waals Equation of State as the former eliminates the singularity of the latter. Although solid state is present in all materials, it has eluded chemical physicists until now.

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11:20 --- 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 masterpieces.
        In this month's edition:
        - A Storm of Spam
        - Maritime Signal Flags

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11:30 --- Lunch
   The [Treehouse](#).

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

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13:15 --- A driver for the FT800 GPU in ANS Forth --- James Bowman
   A 100% live demonstration of an [all-Forth self-contained CPU + graphics + touch system](#). This will include some brand-new demos. Plus ... how pure is your ANS Forth?

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14:00 --- Block Editor 2: Blocks of Doom --- Brad Nelson
For a decade ... they were a part of your daily life.
In a simpler time ... a trusty companion.
They took you places you'd never dreamt existed.
They made you faster and stronger ... than you'd ever been before.
They put magic at your fingertips.
They made you laugh.... they made you cry.
But as the world raced forward, they stayed the same.
As the future became the present, they faded into the background.

You thought you'd seen the last of them ...

UNTIL NOW!

In 2015, the block editor of yesterday becomes the editor of tomorrow.

A new kind of block editor for a future filled with danger and armed with all new powers: files, color, search, and more columns than ever before.

While armies of thousands toil on operating systems with millions of lines of code, where the privacy, security, and fate of billions hang in the balance, one editor stands against a tidal wave of complexity.

This March, enter a world where each line of code makes a difference.
Believe in the power of little things.

Block Editor 2 --- Blocks of Doom
Your source code awaits ...

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14:45 --- Break

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15:00 --- A Shift / Reduce Peephole Optimized Code Generator --- Samuel A. Falvo II
   "I'll showcase a relatively simple code generator prototype capable of translating Forth expressions into relatively efficient RISC-V assembly. Most stack permutations are optimized away, taking advantage of the RISC-V's available registers."

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16:00 --- Clean Up and Adjourn

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Ad Hoc --- SVFIG Film Festival - Engineering Videos, SVFIG Meeting Reruns, Cat & Otter Videos

Suggested items include:
- [Engineering TV Weekly Update – 12/18/2014](#)
- Randall Munroe (xkcd): TED Talk: [Comics that ask "what if?"](#) (video 9:29)

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    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 particular time, please bring it to our attention and we'll do our best to accommodate your needs.

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    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.

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    No Newsgroup posts or other media distribution please!

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    This schedule document is produced by Kevin Appert, the SVFIG Program Chair (forther.at.comcast.dot.net). 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.