

Speakers' Schedule

SVFIG February Meeting February 28, 2015

Fourth Saturday of February!

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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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SVFIG will meet on the fourth Saturday of each month in 2015 with the following exceptions:
November (Forth Day) & December - Meetings will be held on the third Saturday
Any additional exceptions will be announced.

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If you plan to attend the meeting, please RSVP on [Meetup.com](#). If not, there is no need to offer your regrets.

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Notes for first-time attendees:

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

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

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

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Meeting Schedule

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10:00 --- Coffee and a Chat

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10:15 --- Superfish Malware – Kevin Appert

- [The Superfish certificate has been cracked, exposing Lenovo users to attack](#) (scroll down to article)
- [Lenovo laptops ship with adware that hijacks HTTPS connections](#)

10:45 --- Kestrel Update – Samuel A. Falvo II

“The 1-pass assembler for the Kestrel-3 is working quite well so far. I'm using it to build its first “real” program, the machine-language monitor. It's written in the “usual”, sequential style of coding you'd expect from an anti-extended person like me.”

“When talking about another (unrelated) program, though, Aliaksei asked me about using an evented architecture. I wasn't planning on it, but that got me thinking: what would it take to make an evented runtime environment for the STS operating system? Would it be simple? *Could* it be simple?”

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11:30 --- Lunch

The [Treehouse](#).

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

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13:30 --- Progress on 4th.CoSy --- Bob Armstrong

The [4th.CoSy APL informed vocabulary](#) has been revised to make the help facility reliable and the documentation accessible.

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14:30 --- Break

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14:40 --- [Forth Haiku](#) for the Impatient --- Brad Nelson

Unlock your inner artist with the magic of Forth! Learn to express your creativity in ways you never imagined possible, all from the comfort of your desktop web browser. Starting from nothing, you'll learn to make visions of sugar-plumbs dance on your screen!

Our 45 minute seminar will teach you:

- A shockingly easy mental model for how Forth Haiku works
- Powerful recipes you can mix and match in a thousand ways
- 5 simple words that can do amazing things!
- Secrets of the trade like "transparent" Haikus
- How to deface the Haikus of your friends and enemies
- One weird trick every Haiku master should know!

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15:25 --- On Board Diagnostics --- Dennis Ruffer

Dennis will introduce us to [On Board Diagnostics](#) (OBD) and asks, "Is this an application looking for Forth?"

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15:45 --- White Collar Holler --- Stan Rogers

There will be a sing-along! Learn the lyrics.

- [Between the Breaks](#) (video 2:38)
- [The White Collar Holler lyrics](#)

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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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16:00 --- Clean Up and Adjourn

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Future presentation:

van der Waals Equation -- Exploring Gas-Liquid-Solid Equilibrium --- C.H. Ting

"A cubic [virial equation of state](#) has all the positive features of the [van der Waals equation of state](#), but not its associated problems with a singular point in the formulation. The cubic virial equation also allows us to explore the condensed phase and conditions where a solid phase may coexist with gaseous and liquid phases."

"I am using the graphic engine in F# to plot the equations and to explore all the various conditions. For one thing, while I am raising terms in the equation to the 32nd power, all computations are still done in 32-bit integer math. People might be interested in the graphic engine and the integer high math."

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We try to adhere to the schedule, but 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.

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 (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.

