SVFIG Speakers' Schedule
Saturday, March 24, 2018

Forth Book of the Month

Andreas Wagner will 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 Maker Faire participation on the 19th & 20th
- 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 Meeting 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

09:40 --- Coffee and a Chat

10:30 --- Virial Equation State for Gas-liquid-solid Equilibrium – CH Ting
1. The 3rd virial coefficient is a monotonically decreasing function of T.
2. A cubic virial EOS $P=RT/v+B/v2+C/v3$ accurately prescribes gas-liquid equilibrium.
3. The cubic virial EOS can be extended $P=(RT/V)(1+B/V+C/V2+U/Vn+W/V2n)$ for gas-liquid-solid equilibrium.

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

13:00 --- Introductions, Announcements, Rumors, and Gossip
Possible discussion topics include: Have you seen something cool? Have you read a good book? Have you heard a good podcast? Can you share the interesting things you are working on? These do not have to be Forth-related. There may be an update on Carl's IBM 1130 Forth Project.

13:30 --- Backup Backup Backup – John Glauvitz
Best practices – a follow-up presentation

14:00 --- Getting Cosy with CoSy – Samuel A. Falvo II
Sam will take us on a limited code walk-through of CoSy's vector facilities and discuss lessons he has learned so far.

15:00 --- Break

15:15 --- Over-the-Shoulder – Andreas Wagner
    "I'll present an Over-the-Shoulder-style screencast-tutorial-talk with first-in-first-out (fifo)-style Forth, using as an example a simple pixel graphics waterfall oscilloscope / logic-analyzer on the PSoC 5LP sourcing from its analog to digital converters (adc). To exercise the benefits of viewing the parameters as a fifo and not exclusively as a stack, adc samples could have phase info, trigger metadata, etc and the fifo could be filtered (line-wise) and subsequently factored into digital bits, bytes, and protocol packets. This would run on mecrisp-stellaris Forth. I'll be running mecrisp on a PSoC 5LP."

16:00 --- Clean Up & Adjourn

    While we try to adhere to this meeting schedule, sometimes a presentation unexpectantly 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.