Speakers' Schedule

SVFIG Meeting
Forth Day
November 19, 2016
Third Saturday
Agenda

Meeting Video

Links to all SVFIG videos, including the this meeting's live stream can be found here.

Future Meeting Dates

SVFIG will meet on the fourth Saturday of each month in 2016 with the following exceptions:
- November 19th - Third Saturday (Forth Day)
- December 17th - Third Saturday

Any deviations from the posted 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.

Notes for 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 meeting information](#).

3) Park in one of these suggested locations: along Santa Teresa Street, in 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!**

Links to Other SVFIG Information

- [Meeting Notes Archive](#) includes PowerPoint slides, PDFs, meeting videos, source files, and links

- [Past Meeting Announcements Archive](#)

- [Next Meeting Details and a link to the Speakers' Schedule](#)

Meeting Schedule

08:00 --- Coffee and a Chat

08:30 --- Chairman's Welcome - George Perry

08:35 --- Technical Archeology or Ideas Belong on Paper - Bill Ragsdale
   "I have a brief talk I'm preparing for Hackers involving reconstructing Forth work archived from 1980: The biases in recovering a Forth project."

08:45 --- Gforth under [RTEMS](#) - John E. Harbold
   John will review his progress and discuss the challenges of this pathway to a portable, embedded Forth.

08:55 --- The Evolution of the Forth Engine - CH Ting

09:15 --- gelFORTH - Interactive Digital and Analog Hardware Design - Andreas Wagner
   [gelForth](#) is an umbilical Forth, bootstrapped over the KitProg SWD programmer / debugger. It compiles Forth to the Universal Digital Block (UDB) array (the Cypress PSoC 5LP CPLD) during operation for interactive hardware design. It works with 100% Free & Open Source Software.

09:35 --- Spreadsheet Forth - Joseph O'Connor
   [Creole Forth for Excel](#) is a simple scripting language implemented with spreadsheets for its data structures. It can be extended with either low-level primitives in VBA or with high-level (colon) definitions.

10:05 --- Break
   We'll be ordering lunch for delivery from the Treehouse about this time, so be sure to review the [menu](#) and indicate your food preference on the signup sheet that will be passed around!

10:15 --- Adding an SNMP Agent to a SwiftForth Application - Leon Wagner

   FORTH, Inc. recently added an SNMP agent to a SwiftForth for Windows application using the WinSNMP library. Leon will show the overall SNMP agent design and will focus on the library interface, which is common to SwiftForth on the Windows, Linux, and macOS platforms.

10:45 --- Back and Forth across the Pond: An Alternate View of Change - Ken Boak

   Ken will provide a look at some of the new hardware and software Forth-related developments from the UK and Europe.

11:03 --- An Open Source Toolchain - James Bowman

   James will provide detailed information about a specific hardware development - highlighting its application to an open source Forth, running on open source hardware - produced entirely using an open source toolchain along with a demo.

11:21 --- eForth 1.0 on Kestrel-3 - it works! - Samuel A. Falvo II

   "I will provide a *very* fast demonstration of eForth booting and doing something significant. However, the compiler is *really* slow - much slower than anticipated. Do you want to help Kestrel Computer Project? I would love to get some help speeding up the compiler!"

11:30 --- Defining Defining Words: A New Old Syntax - Bill Ragsdale

   First proposed in 1980, this syntax clarifies defining words and eases target compiling. Lost in the fog of time, Bill has updated it to contemporary practice.

12:00 --- Lunch

   We will consume lunch delivered from the Treehouse.

13:30 --- GreenArrays Talks – Charlie Shattuck
   1. Greg Bailey – GA144 Test Sequencer
   2. Michael Schuldt and Mango Phothilimthana (Berkeley) – Gesture Recognition
   3. Daniel Kalney – Image Convolution Filtering

15:30 --- Break

15:40 --- Fireside Chat – Chuck Moore

17:00 --- Group Photo & Roll Call Video

   The photo and video will be posted on the SVFIG website. Your participation is - of course - optional.

17:15 --- Clean Up and Adjourn

17:30 --- Optional Dinner

   Optional dinner at Su Hong's at 4256 El Camino Real in Palo Alto – 650/493-3836 - map

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

   This schedule may be reformatted or line-justified, but please transmit it verbatim or preferably provide a link to it.

   No Newsgroup posts or other media distribution please! Contact Kevin if you desire to advertise SVFIG meetings.

The [Speakers' Schedule posted on GitHub](#) was produced by [Kevin Appert](#), the SVFIG Program Chair and is distinct from the information posted on the SVFIG and FIG websites which are authored by the SVFIG Webmaster, Dave Jaffe. Your comments, corrections, and suggestions are always welcome.