

Speakers' Schedule

SVFIG April Meeting April 25, 2015 Fourth Saturday of April!

There will be no May meeting!!
We'll go to the Maker Faire instead.

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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 the 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 meeting location, 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 are 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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10:00 --- Coffee and a Chat

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10:00 --- The Third Virial Coefficients of Argon --- CH Ting

"I proposed using a cubic virial equation of state to describe gas-liquid-solid equilibrium. A serious problem in using this equation is that the third virial coefficients behave very differently than what was accepted for more than 100 years. To prove all these scientists wrong, I extracted the huge pressure-temperature-density table of argon into a giant spreadsheet, and analyzed the data set using Excel. I used two different methods to compute the third virial coefficients from 83K to 1200K, and proved that my results are correct. Most books on the thermodynamic properties of real gases will have to be re-written."

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11:20 --- Haiku Monthly --- Brad Nelson

Join our monthly voyage into the kaleidoscopic world of Forth Haiku.

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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 --- Stenography, Arduino, and Forth --- Charley Shattuck

Charley will tell us about his simple, non-standard, tethered [MyForth-Arduino](#). The package includes a sample steno keyboard application.

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14:15 --- ESP8266 WiFi to Serial Board and MyForth-Arduino --- Bob Nash

Bob will relate his experiences with the [ESP8266 WiFi to serial board](#) and recent use of Charley Shattuck's MyForth-Arduino.

[Using the ESP8255 module](#)
[ESP8266 WiFi Module at adafruit](#)

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14:45 --- Break

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15:00 --- Backup-Imaging Software Tools --- John Glauvitz

Between newer, less cooperative versions of Windows and huge hard drives, finding reliable backup-imaging software tools can be a challenge. John will discuss tools on Windows and other OSs capable of dealing with large capacity hard drives.

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15:45 --- Kinetis Design Studio Integrated Development Environment (IDE) --- Dennis Ruffer

Dennis will discuss robust editing, compiling, and debugging.

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16:00 --- Clean Up and Adjourn

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Ad Hoc --- SVFIG Film Festival

Suggested items include:

- [Engineering TV](#)
- 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 specific 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.

