

# Preliminary Speakers' Schedule

## February SVFIG Meeting

The Fourth Saturday  
25-February-2012

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SVFIG's meetings are on the fourth Saturday of each month with the exception of November and December.

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Please go to Meetup.com and register for the meeting. <http://www.meetup.com/SV-FIG/>

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### NOTES FOR FIRST-TIME ATTENDEES:

- 1) Print yourself a map so you can find the building easily. If you get lost, call Kevin Appert at 650.678.0532
- 2) Look at the additional online information: <http://www.forth.org/svfig/next.html>
- 3) Suggested parking is in the small lot near the intersection of Santa Teresa St and Lomita Dr. There is no need to feed the meter on the weekends. Do NOT park in any place marked with 24/7 restrictions! Most other places are okay on Saturdays. Read the signage!

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This page is for the schedule and coming attractions only, other details will be in the email announcement and online here: <http://www.forth.org/svfig/next.html>

Links, PowerPoint, PDFs, and source files from last month's meeting are on the SVFIG web site. All this and video from Forth Day 2011 and other instances of Forth Day are on the SVFIG web site too!

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**09:45 --- Some Coffee and a Chat**  
El Exigente would approve.



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**10:00 --- Planning for Maker Faire --- [Masa Kasahara](#)**

Now is the time! We need to get organized for the annual MakerFaire.

<http://makerfaire.com/bayarea/2012/>

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**10:30 --- Taiwan FIG and Brevia2 FPGA --- [C.H. Ting](#)**

Ting will present:

**Report on 2012 Taiwan FIG Conference.**

**eP32 on [Brevia2 FPGA Kit](#)**

Ting writes: "I could not get the FTDI drivers to install on my XP computer. My wife loaned me her Windows 7 computer, and drivers were installed properly. The eP32 project was imported for ispLEVEL IDE to the newer Diamond IDE. eP32 was successfully synthesized and programmed to Brevia2 Kit. eForth booted up correctly.

**One Page Forth in JavaScript**

"One very interesting topic presented in Taiwan FIG Conference was 'One Page Forth in Javascript'. The authors compressed an entire Forth Virtual Machine, including an interpreter and a compiler, in 50 text lines on one page. I will talk about it."

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**11:45 --- Lunch**

We'll walk to the Treehouse, Axe & Palm, or some other venue.

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

We'll have to make it quick this month, as there's so much else to do.

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**13:05 --- Digital IO on Green Arrays' GA144 implemented in polyFORTH® --- [Peter Milford](#)**

Peter will walk through implementing an SPI interfaced accelerometer on a [GA144](#) eval board using Green Arrays' native polyFORTH®.

Datasheet for accelerometer:

[http://www.vti.fi/sites/default/files/documents/cma3000\\_d01\\_datasheet\\_8277800a.03.pdf](http://www.vti.fi/sites/default/files/documents/cma3000_d01_datasheet_8277800a.03.pdf)

<http://www.vti.fi/sites/default/files/documents/cma3000->

[d0x\\_product\\_family\\_specification\\_8281000a.04.pdf](#)

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**13:25 --- Literate Programming --- [Dennis Ruffer](#)**

"Literate Programming - Testable documentation --- My ongoing saga of using Noweb in LyX."

<http://www.cs.tufts.edu/~nr/noweb/>

<http://www.lyx.org/>

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**14:15 --- Break**

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**14:20 --- Literate Programming using the Forth Parser --- Brad Nelson**

Brad will present a small system for literate programming implemented in Forth. Using Forth's innate parsing flexibility, a literate programming facility targeting ebook readers can be added with minimal use of external tools.

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**15:00 --- Reengineering an RPN calculator --- [Eric Smith](#)**

"HP discontinued the HP-41C family of programmable scientific RPN calculators in 1991. While HP still makes high-end graphing scientific calculators using a stack-based language called RPL, some users still prefer the relative simplicity of RPN. Richard Ottosen and I have undertaken to develop an HP-41CX compatible calculator using state-of-the-art components. I will discuss the design and demonstrate the current state of development."

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**15:30 --- More Maker Faire --- Masa Kasahara**

Those interested in participating will remain to discuss SVFIG's participation in Maker Faire.

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**15:55 --- Clean Up**

**16:00 --- Adjourn**

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Do we try to stick to the schedule? Yes, most of the time. Once in a while we shuffle

things around. If you're desperate to see a particular thing at a particular time please mention it and we'll try to accommodate you.

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The schedule above may be reformatted or line-justified but please transmit 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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### **Forth Day Videos**

If you're planning on doing something special with the Forth Day videos, the original MPEGs are available by special arrangement. If you're going to post to YouTube or edit something for a class, you should go from the originals.

The regular version of the Forth Day videos is now up at [forth.org/svfig](http://forth.org/svfig). The Fireside Chat is up on YouTube.

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This page is produced by Kevin Appert, the SVFIG Program Chair. It is distinct from the SVFIG and FIG websites which are produced by the SVFIG Webmaster, Dave Jaffe. Comments and corrections are welcome.

