Speakers' Schedule

January SVFIG Meeting

The Fourth Saturday
26-January-2013

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Google+ Hangout

   We will have a Google+ Hangout. The stream on YouTube should let everybody join in, while questions and comments can be posted on Google or emailed to the SVFIG email list.
   If you are not subscribed, send email to: forther-at-comcast-dot-net
   Here is a link to the SVFIG Hangout page:
https://plus.google.com/u/0/115269917987589859757/posts

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SVFIG meets on the fourth Saturday of each month with the following exceptions:
   June's, November's, and December's meetings will be on the third Saturday of the month.
   We will man the SVFIG table at the Maker Faire in lieu of the May meeting.

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If you are planning to attend, please go to Meetup.com and register for the meeting.
http://www.meetup.com/SV-FIG/
There is no need to register if you are not attending.

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NOTES FOR FIRST-TIME ATTENDEES:

0) Some of this month's meeting content may be off-topic and does not pertain directly to Forth. You may want to skip the parts that don't interest you!
1) Print 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 signs!

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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 slides, PDFs, and source files from previous months' meetings are posted on the SVFIG website. All this and video from Forth Day 2012 and other instances of Forth Day are on the SVFIG website too!

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9:45 --- Coffee and a Chat

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10:00 --- King Tut's Pyramid Gravimeter --- Chen Hanson Ting
Ting will talk about this project which was published in the January issue of "Nuts & Volts" magazine and will challenge us to do a better job of it in Forth.
Ting wrote: "The gravimeter is very simple, using a piece of conductive foam with a mass to measure its resistance, and hence the gravity. Its precision is about 0.1% and shows clearly the changes in gravity during a day. It uses a PIC16F916, programmed in assembly. I am sure we can do a better job with Forth on an Arduino, but I will leave that to the students."
Subscribers may read the article online, but anyone may see the code here:
http://www.nutsvolts.com/magazine/downloads

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10:45 --- Historical Ampex Recorder --- Larry Miller
DUE TO INTELLECTUAL PROPERTY ISSUES, THERE WILL BE NO HANGOUT DURING LARRY'S TALK
Larry restored the Ampex 200a audio recorder now on exhibit at Green Library at Stanford. He'll describe the restoration process and tell us about the historical significance of the 200a. After lunch, we'll walk to Green Library to see the audio recorder and as a bonus, the VRX1000 video recorder. You'll need a driver's license or non-driver ID to get in.
http://www.stanford.edu/group/htgg/cgi-bin/drupal/?q=node/1149
http://mixonline.com/TECnology-Hall-of-Fame/ampex-200a-recorder-090106/

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11:45 --- Lunch
We'll walk to the Treehouse for lunch.

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12:35 --- Seeing the Actual Ampex Recorders --- Larry Miller
We'll proceed from the Treehouse to the library to see the Ampex 200a audio recorder and the VRX1000 video recorder. Departure may be delayed while all interested parties complete the

enjoyment of their lunches. You'll need a driver's license or non-driver photo ID to get in.

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13:30 --- Introductions, Announcements, Rumors, and Gossip

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13:50 --- GoPro Hero3 Camera --- [Dennis Ruffer](#)
Dennis will demo the GoPro Hero3 camera.
 http://gopro.com/cameras/hd-hero3-black-edition

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14:00--- Vmgen Interpreter Generator --- [Dennis Ruffer](#)
Vmgen supports the construction of interpretive systems by generating the code for executing and dealing with virtual machine (VM) instructions from simple descriptions of the VM instructions.
 http://www.complang.tuwien.ac.at/anton/vmgen/

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14:40 --- Break

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15:00 --- Kestrel 2, What, Why, and How Much Fun is That? --- [Samuel A. Falvo II](#)
Sam will give a recap of the talk he delivered at the January BIYSIG meeting.
http://svcs.net/biysig

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Random Access
Impromptu talks, amiable ambling discussions, sauntering through news://comp.lang.forth, and other conversations will be offered for your amusement.

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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. somebody runs a little long. 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 it 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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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. His work is more carefully done and is of better quality but the monthly announcement has its own rustic charm. Corrections and other comments are welcome.