



Rako Studios » Media » Tech » Electronics » Analog Aficionados party 2012

Analog Aficionados party 2012

The 2012 Analog Aficionados party was February 18, 2012. It was at David's Restaurant in Santa Clara near the golf course.



There were 155 people that confirmed, about 30 did not make it. Those that did had a great time mingled with other analog experts.

[update] I have some pictures from the party thanks to Ron Quan and Ed Fong. Fran Hoffart will also be sending me his pictures and I will add those soon. Several asked about the placemat, a pdf is [here](#). you can print it out on an 11x17 sheet for the real effect.



This casual shot of Jonathan David from Qualcomm and Craig Lambert from IDT gives an idea of the 100 analog aficionados that packed David's Restaurant on Feb 18, 2012.



This is what the Aficionados party is all about. Here is IC designer Tom Frederiksen talking to Arlie Stonestreet II and Kirkwood Rough. It is essential to get the experienced old hands of analog some exposure to the next generation of analog talent. Tom designed the LM3900, the Norton op amp, when he was at National Semiconductor.



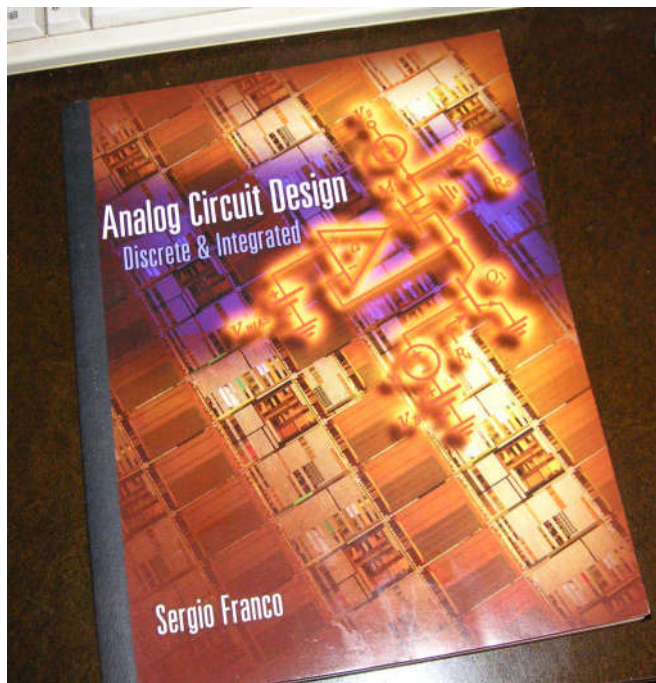
I also like to ask the technical media to the party. Indeed tech publisher UBM, of EETimes, EDN and Planet Analog fame were a double sponsor this year. Here we see Silicon valley media legend Dave Bursky on the left and Electronic Design analog editor Don Tuite on the right. Henry Hsieh and Gartner Group analyst Steve Ohr also made the party



Sure, working engineers and media types are a good combination, but I also ask college professors since we may need to do some hard math. Here is Stanford prof Tom Lee holding a 1957 transistorized oscilloscope he brought to show around.



And I know you tech types are more interested in things than people, so here is a close-up of the guts of Tom Lee's 1-inch oscilloscope.



Professor Sergio Franco also came and was nice enough to give me a signed copy of his new book, "Analog Circuit Design, Discrete and Integrated". My cube-mate at Analog Devices had Sergio as a professor and she told me "He is really tough". I mentioned it to Sergio and he said "I had to learn electronics twice, once the wrong way, and once the competent way." So he was just saving my co-worker time by being tough.



I do want to shout out to several people that really help the party. First and foremost is Martin "international man of mystery" DeLateur. He came early and helped stuff badges and assemble tripods and 100 other things. Here he is on the left, with TI analog guru Paul Grohe on the right.



And lets not forget the three guys that took pictures for the event. One was Ron Quan, here with Analog Devices' Joann Close, who came up the name Analog Aficionados three years ago.



Here is Ed Fong, with his Sigma camera. Ed actually worked for Foveon, and explained to me why getting any signal-to-noise out of the red pixels was so difficult.



Last but not least, here is Fran Hoffart, who has been taking pictures of analog aficionados going back to the Bob Widlar days. That's Fran on the left, with Mineo Yamatake in the center and Arlie Stonestreet II on the right. That great National Semiconductor app note on JFETs? Mineo knocked that out in his spare time with he was not helping Bob Widlar get the first silicon figured out.



I also want to especially thank the sponsors. They will assure we can afford to keep the party going next year. Here is Barry Harvey, who bought all the deserts for us famished aficionados. Here is Barry in the center, with Scott Fritz on from Atmel on the left, and some guy that didn't want a badge, perhaps because he thought it was troublesome for me to do it, as opposed to spending an hour after the party trying to find out who the heck he is so I can put his name in the caption.



We had two double sponsors. One was my alma mater, UBM Electronics, publishers of EDN, and EETimes. Another double sponsor was Linear Systems. Here I get a check from Paul Norton that will cover some of the food bill. I don't think there was enough food, hopefully next year we can have more sponsorships.



We also got a sponsorship from Texas Instruments. Here Mark Alden, Texas Instruments PR maven, hands me a check that helped make the 2012 Analog Aficionados party the great time that it was. Mark also did a tremendous job getting a beautiful poster of Bob Pease made that we could display at the party.

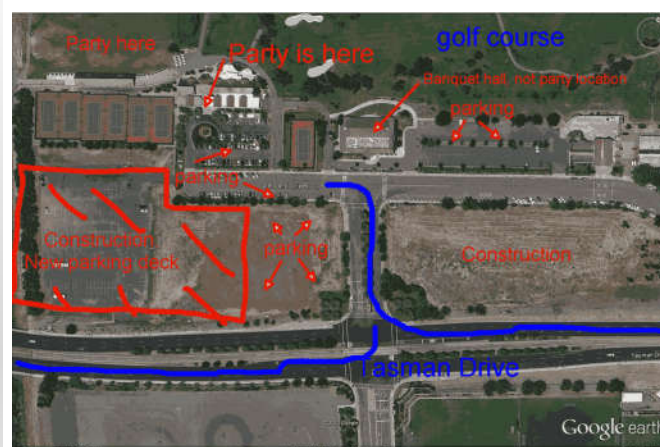


Finally, we got a sponsorship from my company, Analog Devices, thanks to the diligence of Technical Marketing Director Dave Kress. Dave could not make it out for the party, but several other Wilmington ADI people made it, including ADI fellow Scott Wurcer and his wife Madeline, ADI fellow Lew Counts, and David Robertson.

OK, a new episode of House is coming on, so I will stop here, plus I have to get Fran Hoffart's pictures Tuesday, which will knock you out.

Here is the "legacy" part of the post, the invitation and directions and such.

If you get drunk and kill yourself or someone else, neither I nor the restaurant, nor the sponsors are responsible. This is the same venue I had the Bob Pease and Jim Williams remembrance last June 2011. Everyone loved it since there is plenty of parking and the room is much bigger than The Duke of Edinburgh last year. We have 153 people confirmed so feel free to drop it.



They are building a parking deck for us next year, so you can park on the dirt area or by the banquet hall. Note the party is not at the banquet hall, it is in the restaurant itself.



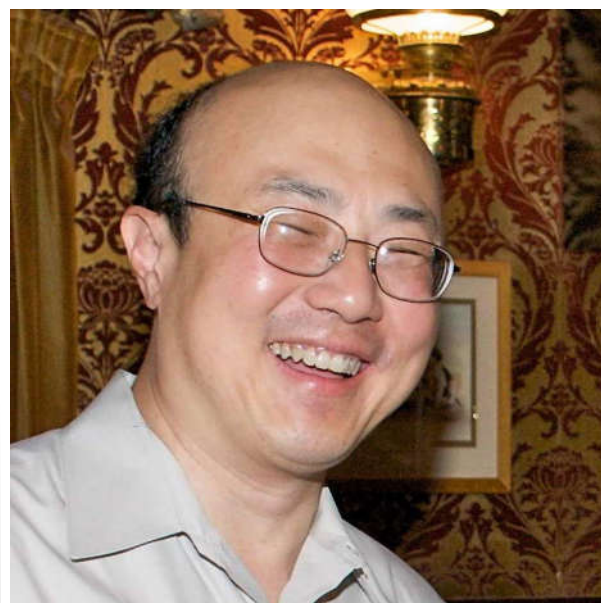
Jim Williams and SFSU Professor Sergio Franco at last years party. Sergio is coming this year too.



Bob Pease and Greg Schaffer at last years party. Greg is coming this year too.

The 2012 Analog Aficionados party is shaping up to be something special. We are doing in Honor of Jim Williams and Bob Pease. Jim William's widow Siu is coming. Nancy Pease is traveling but both her sons, Benjamin and Jonathan, are coming. This is a living article, so I will update it after the party with pictures and stories from the party. The big relief for me is that we have five sponsors this year. Intersil offered to sponsor the the last two parties. but I could not accept since I worked at EDN magazine and Intersil was an advertiser. EDN and I both take ethics very seriously so I never billed Intersil. Now that I am at Analog Devices and don't report on Intersil, I can actually accept. Just as nice Analog Devices and Texas Instruments are sponsors. Karen Field and Patrick Mannion at UBM Electronics, owners of EDN, have kicked in a double sponsorship. A real honor is that John Hall's Linear Integrated Systems is also donating a double sponsorship to celebrate their 25th anniversary.

As I have done for the last two parties, I made up a placemat showing notable analog engineers, professors, and media people that will be at the party. The pdf file of the placemat is here (rev 4). The HTML I made the pdf from follows:



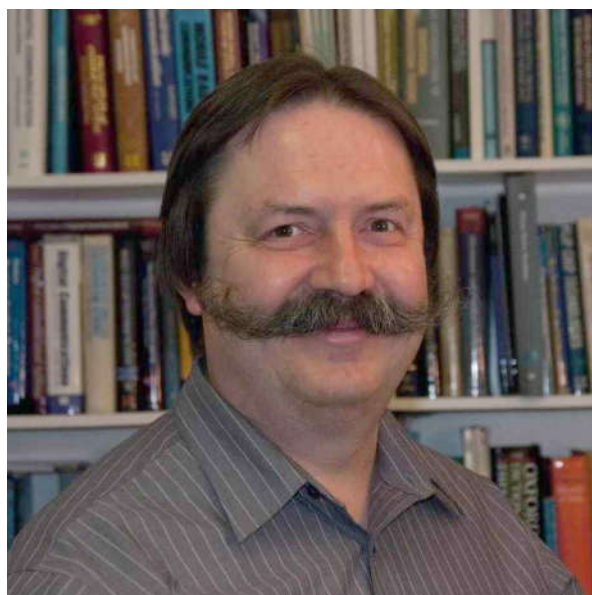
Tom Lee is a Stanford professor, where he founded the microwave integrated circuits laboratory. He has written and co-authored several books and papers. He's got 3 degrees from MIT. Tom co-founded Matrix Semiconductor and ZeroG Wireless. **Ask him about:** the oscilloscopes, working as a director of DARPA.



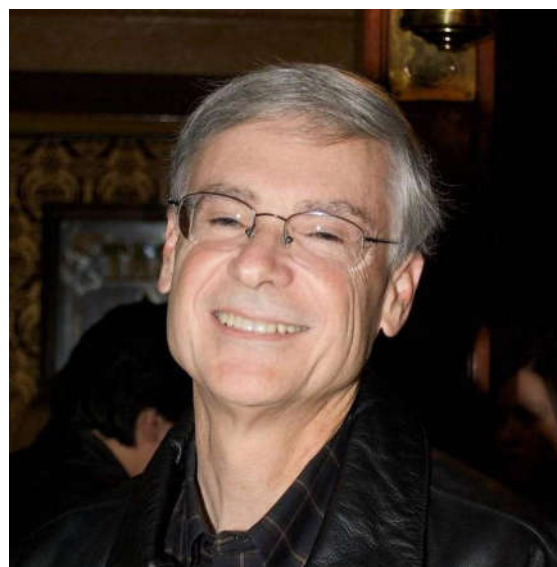
Scott Wurcer is a fellow at Analog Devices. He designed the AD524 instrumentation amplifier and many low-distortion circuits. He is member of IEEE and AES. A native of Milwaukee, he went to MIT. **Ask him about:** cooking, carpentry, and non-commercial music.



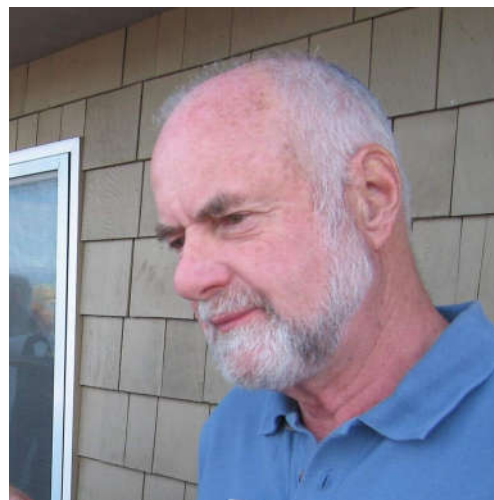
Barry Harvey is an Intersil Fellow and an all around good guy. He has 15 patents, and has published 30 papers. He has made a bunch of op-amps. **Ask him about:** settling time, slew rate, fast pulse generators, and anything about video.



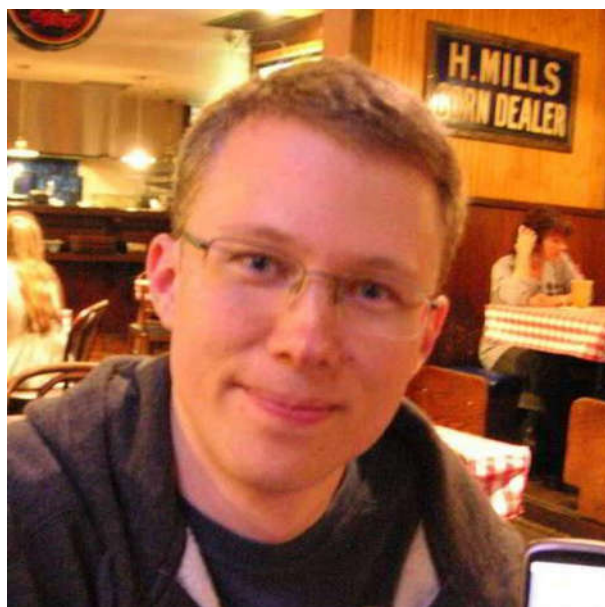
Earl McCune is an RF and wireless design consultant. He has over 50 patents. He co-founded two start-up companies. He has written a great book: "Practical Digital Wireless Signals. **Ask him about:** multipath, how many bits per hertz you really get, wireless power transmission, his ham license, the impracticality of transmitting gigawatts from space-based solar panels.



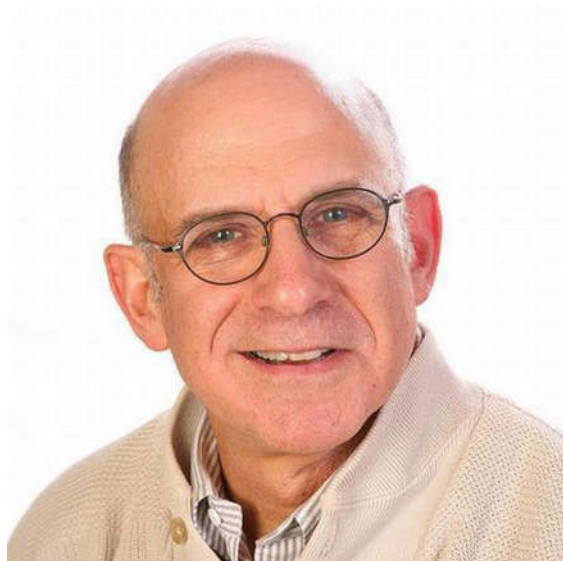
Dennis Monticelli is a fellow at Texas Instruments. He went to UC Santa Barbara. He has scores of patents. **Ask him about:** point-contact transistors, photography, Tom Frederickson, low-dropout regulators, the culture of innovation, the Kodak chip, broadband over power lines, his Ham kit, why he chose National Semi out of college instead of Intel or Fairchild.



David Fullagar was a founder of Maxim. He went to Cambridge University, worked at Transitron and Fairchild in the 1960s, then at Intersil in the 1970s. He started at Fairchild 2 days after Widlar left. **Ask him about:** sailing, photography, the early days of analog and the 741, England, Intersil & Analog Devices joint venture, Jean Hoerni and Jack Gifford.



Eric Schlaepfer is a hardware engineer at Google. Formerly he worked as a senior applications engineer at Maxim. He graduated from Cal Poly where he was on the hybrid vehicle development team. **Ask him about:** fencing, his GPL scoring machine, his CRT clocks, his LED watch, and his GPS-disciplined rubidium atomic clock.



Stephan Ohr is Gartner's research analyst for analog IC markets. Previously he was a reporter and columnist for Electronic Engineering Times and editor of Planet Analog. **Ask him about:** data center power management, his Jesse Neil Award, and Nordic Noir fiction.



JoAnn Close is a design group leader at Analog Devices. She recommended Analog Aficionado as the party name. **Ask her about:** JFETs, Lew Counts, her many IC designs, steam-punk hats, the MIT Lewis music library, why analog designers still rule, and opera as a team sport.



Lew Counts was a fellow and vice president of analog technology at Analog Devices. He has an SBEE degree from MIT. He worked on amplifiers, rms-to-dc converters, and wireless systems that require high dynamic range. He is a member of the IEEE. **Ask him about:** JFET amplifiers, working with JoAnn Close.



Sergio Franco is a Professor at San Francisco State University. He was born in Friuli. He holds a Ph.D. from the University of Illinois at Urbana- Champaign. **Ask him about:** his 3 books, "Analog Circuit Design - Discrete and Integrated," "Design with Operational Amplifiers & Analog Integrated Circuits," and "Electric Circuit Fundamentals".



Ricardo Salaverry is a director at Tyco ELO Touch. Prior to innovating touchscreen technology he worked at Zoran designing digital still cameras. **Ask him about:** emigrating from Chile, antennas, the overly-complex ATSC standard, getting 135 of 137 boards working on the first spin, and innovation in America.



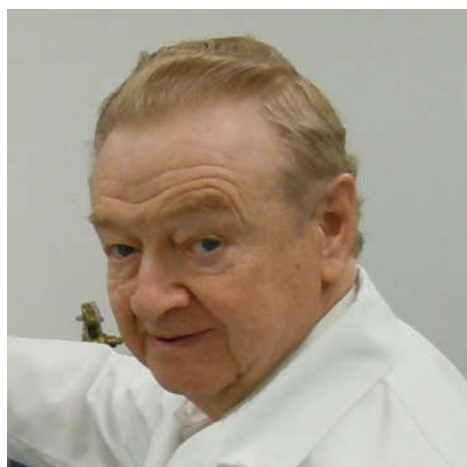
Tamara Schmitz works at Intersil as an application engineer manager. She is also an author. She graduated from and keeps close ties with Stanford University. **Ask her about:** Professor Lee, the wild Stanford bunch, how to write clearly.



Don Tuite is the analog editor at Electronic Design magazine. He also worked at Cypress Semiconductor. **Ask him about:** Pretty much anything, his Burgman motorcycle, things that go "boom".

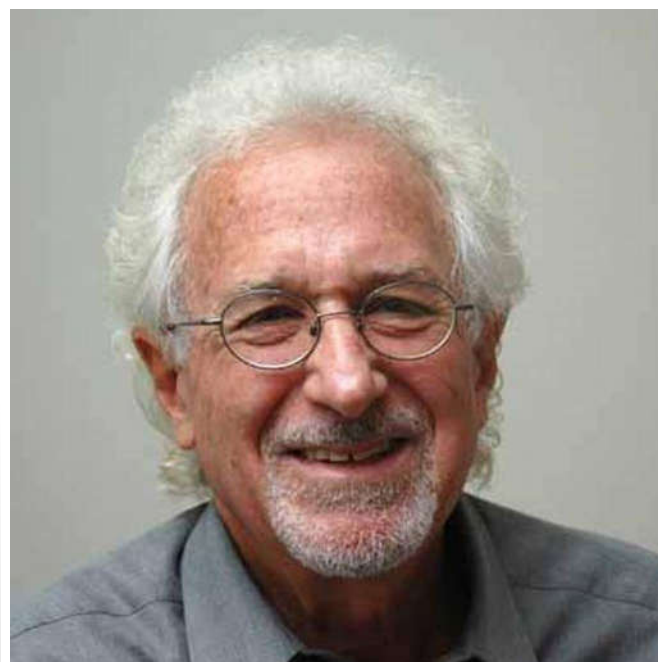


Ted Selker is a professor at Carnegie Mellon Silicon Valley. Previously he worked at the MIT Media lab and was an IBM fellow. He worked at Xerox, PARC and Atari Research Labs. He has numerous awards, patents, and papers. **Ask him about:** context-aware computing, his inventing the TrackPoint in-keyboard pointing device, xcubation.



John H. Hall, head of Linear Integrated Systems, was a protege of Silicon Valley legend Dr. Jean Hoerni.

John was the director of IC Development at Union Carbide, co-founder and vice president of R&D at Intersil, and founder and president of Micro Power Systems. **Ask him about:** fast Buicks, the Minuteman missile program, and how to find a good Japanese restaurant.

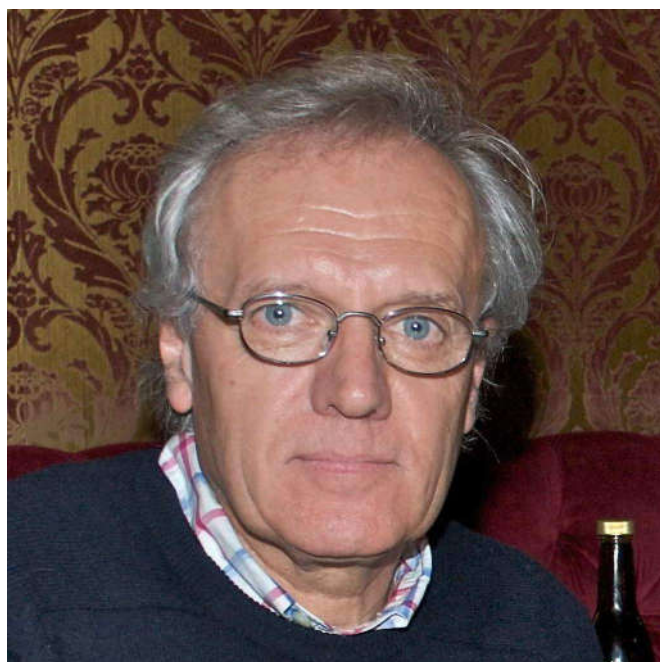


Jim Solomon, IEEE Fellow, did analog design for 20 years, then co-founded Cadence, Smart Machines (with his son) and Xulu Entertainment. After an MSEE at Berkeley, he started at Motorola Semi, then moved to National Semi where he invented the BiFET op amp. **Ask him about:** tutorial on op amp design, TRS- 80 op amp macro-models, Cadence usability lab, and Xulu's virtual world.

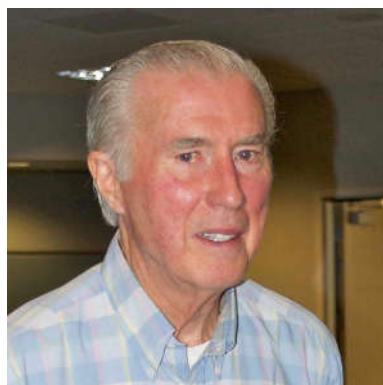


Dave Bursky is a Silicon Valley legend. He has worked at several trade magazine and media companies-- Electronic Design, EE

Times, and Chip Design. He runs PRN Engineering Services. He received a BSEE and MSEE from the City College of the City University of New York. **Ask him about:** anything involving Silicon Valley, Maxim, the trade press, Penton publications.



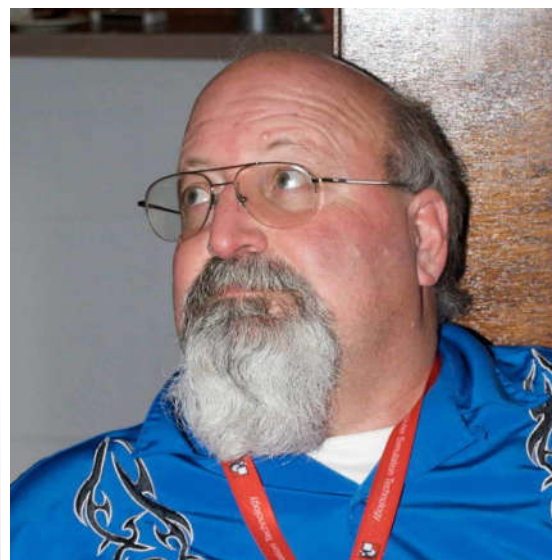
Bo Lojek is a research scientist at Atmel's Colorado Springs facility. He instructs at University of Colorado at Colorado Springs. His book, "History of Semiconductor Engineering" is the definitive record of the exciting days of IC design. **Ask him about:** Bob Widlar's Russian papers he discovered, how Bob Noyce really "got it," and simulation-independent compact device modeling.



Tom Frederiksen's career started at Hughes, then Motorola, and finally National Semi. Tom is best known as the father of the

"quads," including the LM3900, "Norton amp" current-differencing op amp. He worked on integrated audio chips and metal-gate CMOS data converters. **Ask him about:** his books on intuitive op amps, CMOS, LM324, LM339, LM3900, and mentoring Dennis Monticelli.

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Martin DeLateur of DeLateur Engineering is a former National and Fairchild product engineer. He grew up with the Wosniaks, attended Bellarmine, and got 4 degrees from Berkeley. **Ask him about:** discretes, package and process, ways to entertain yourselves overseas, whatever happened to the CRT (cathode ray tube) market, his regular monthly table at the eFlea.



John Massa went to Ohio State and Notre Dame. A Captain in the Air Force, he took several military

technical and language schools. He holds a top-secret security clearance. He is fluent in French and Moroccan Arabic languages. **Ask him about:** the sidewalks at Ohio State, Sherrifs, his Harley "Jezebel," why PCB CAD is important, elution, and mentoring Paul Rako.

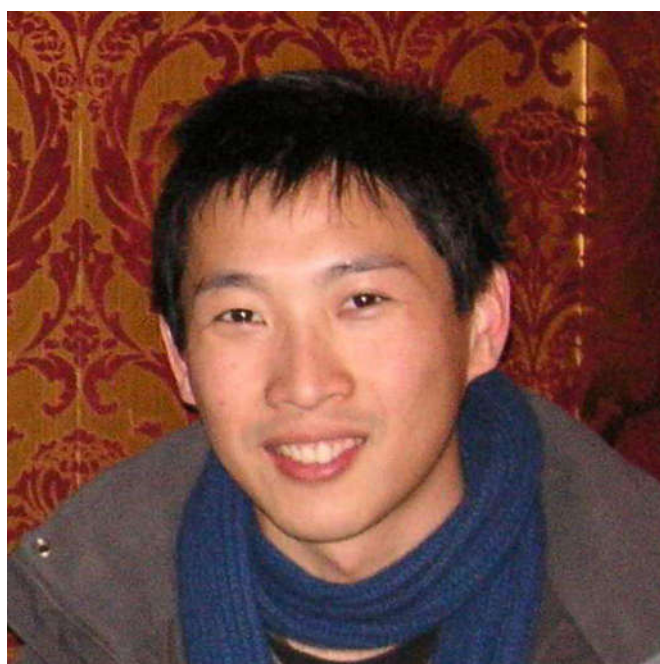


Paul Rako is host of the Analog Aficionados party. He is a web developer at Analog Devices. He spent 10 years as an

auto engineer in Detroit, 20 years as a consultant in Silicon Valley, 5 years as an applications engineer at National Semi, and 5 years as an EDN editor. **Ask him about:** Stratocasters, Harleys, his home lab, and mentoring Francis Lau.

In addition to all these great analog people, including Bob Dobkin from Linear Tech, Jim William's boss and friend, I am encouraging people to bring any gizmos or some analog remembrance. Professor Tom Lee from Stanford writes:

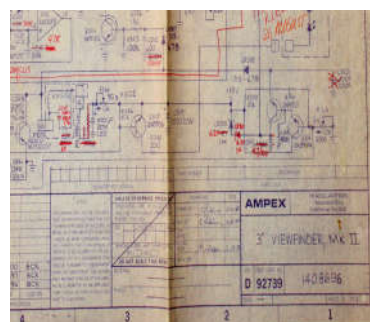
If I remember, I'll dig out the very first transistorized scope (featured on 1957's EDN cover). I am too frightened to power it up, but I'll take out the case screws so that folks can see what my late friend, Joe Deavenport, hand-crafted with CK722s and a 1" CRT! (BTW, he co-founded Wavetek.)



Francis Lau emigrated from Hong Kong when he was 8. He got a 4.0 at UCLA, then an MSEE, and now works at ELO-Touch as a systems engineer. **Ask him about:** his Porsche, his milling machine, his giant sword project, the robot he is building, the motor drivers he designed, the best pho restaurants, and folding puzzles.

Ron Quan, an ex- Ampex engineer heard John Hall was coming and explained how he used Micro Power Systems transistors in Ampex products. Ron promised to bring some MP series transistors for John Hall to enjoy. Ron also writes:

I found a really old blueprint of my 3 inch viewfinder for the Ampex BCC-20 color TV camera. See attached jpeg. If you look carefully near the top, just left of center, you will see that Q306 is one half of an MPS312 dual NPN transistor. The BCC-20 camera also used quite a few of the MPS dual transistors.



Eric Schlaepfer always has some cool gizmos to show around. Alan Martin is threatening to set up a lab bench. Also, you should bring any books by the attendees you have so they can sign them.

It's getting late, so I will add more tomorrow, but here is a partial list of attendees, not counting spouses. We are up to 135 people so far, with more to come. Just email me at paul.rako[at sign here]gmail.com if you want to come and give me all the names and companies of people you are bringing.

[Friday before the party update:] We are up to 145 aficion ados coming. First some bad news, Bill Whitlock, AES Life Fellow - IEEE Life Senior, won't make it because of a serious accident. He wrote me to say:

I regret that I won't be able to make it to either function. A fall last February crushed two vertebrae, which subsequently became infected with MRSA that destroyed the disc and part of the bones, still severely limits my movement (and travel). Doctors expect a full recovery but say it may take up to another year. I hoping to make it next year. I'll enjoy reading the reports ... and keep up the great work!

Bill is one audio nut that really understands electronics, including groundng and shielding. I loved Bill's signature line: "Marketing is, all too often, the art of deception by omission." Bill said it was OK to give his email address in this form: whitlock[at sign goes here]jensen-transformers.com in case you want to offer your condolences.

A brighter note comes from an auto response that told me that Bob Moses, the guy that arranged for Jim Williams and Bob Pease to present at AES (audio engineering society) a few years ago is now director of the AES. Bob and Bill are friends so look for them booth at the next AES.



Party double-sponsor Linear Systems has a sample kit they want you to know about. Tim McCune sent me one and Dennis Monticelli and Scott Wurcer have already asked Tim for one. Tim will give sample boxes to working engineers that will really use them. To inquire, Please provide your name, company name, position, current design interests, address, phone and email to Tim McCune at tim[yup the atsign]linearsystems.com. And yeah, that is my "analog laptop" to the right of the kit.





Other good news is that the sponsor posters came in. I got them at a local Sunnyvale place called Banner Express. They print directly onto the foamboard. \$70.80 for each of the big posters, \$35.72 each for the small ones. These are 3/16 foamboard. he has a gatorboard he says warps less over years. I expedited them in case they screwed it up, but the poster is OK. What I screwed up was thinking that paying a few bucks more for an "easel" got me a wood or metal tripod. What an easel is to these folks is cardboard on the back you can fold out so the poster is marginally stable on a table. Analog people drink way too heavily for this to work.



So I am going to hunt down some real easels before the party. Mark Alden of TI is bringing two extra, and I will

go buy three more so we can position the sponsors' posters better and we don't waste table space. [I got some nice wood ones at Staples.]

[Update, Saturday morning] We had an informal get-together at the Duke of Edinburgh Friday night and it was great. I got to meet John Hall, Ricardo Salaverry and Ted Selker showed up, so that is three people off the placemat, four counting myself. TV engineer Robert Getsla showed up. He was the guy that tipped me off that digital TV is not all it is cracked up to be. Ron Quan, the guy with the Ampex schematic above showed and had great stories to tell. He also brought some Micro Power Systems transistors to give John Hall, who founded the company decades ago. Earl McCune, RF consultant was there and met Tim McCune, who arranged for Linear Systems to give a double sponsorship to the party. Earl brought a sheet showing all the McCunes in his family back to 1705, but he doesn't think he and Tim are related. We will do more work on this Saturday night.



Here is Ted Selker with many revision of the TrackPoint button used on every IBM laptop and a whole lot of other machines. He explained the refinements and the tremendous cost reductions they achieved. Lets hope he brings these to the Aficionados

party, this is at our Friday Preficionados party.



Here is Linear Systems founder John Hall with marketing manager Paul Norton chatting with Todd Bailey on the right. This is at the Friday warm-up party. Todd came in from Brooklyn with a bag full of cool gizmos, including an automatic door controller he did for Calvin Klein's house. 19 of em, Calvin must love automatic doors. Sorry for my crappy DimageX50 pic, Ron Quan, Ed Fong, Fran Hoffart, and Alan Martin will have decent cameras with "big glass" as my buddy Dave Ruigh describes them.



This is what I am doing Friday night and Saturday morning. I have to dry the placemats on my bed before printing the other side. I am using the excreable Brother MFC-J6510DW printer, and it is jamming every 5 sheets and gobbling \$21 ink cartridges like Cheech Marin gobbling Doritos after a bong hit.

Next year I will just have a print shop do this on a B-sized color laser. That way the place-mats won't run or smudge when water hits them and that way I won't have to nurse this craptastic Brother printer instead of frolicking in the garden or some other Saturday morning activity. [Update:] I just checked with Kinko's, and its \$3.08 a page for two-sided B-sized printing. Note having an extra \$500 on me, I will just keep suffering with the Brother printer. Perhaps some high-tech Silicon valley company will do a sponsorship next year by offering to print the place-mats.

Here are attendees as of Saturday morning before the party:

Att	Aficionado	Company	Guest
Y	Aaron Partridge	SiTime	
Y	Abhay Rai	Maxim	
Y	Adolfo A. Garcia	Touchstone Semi	
M	Al Kelsch	National retired	
	Al Wegener	Samplify	
	Alan Buchholz	Texas Instruments	
Y	Alan Martin	Texas Instruments	
	Alex Burinskiy	Vivid Engineering	
	Allan Evans	Samplify	
Y	Allan Soriano	Fairchild	
N	Andy Turudic	Seeking work	
Y	Angelo Pietroforte	IDT	
Y	Arlie Stonestreet II	ICE Corporation	
	Austin Tavares	Xilinx	
N	Barrie Gilbert	Analog Devices	

Att	Aficionado	Company	Guest	Att	Aficionado	Company	Guest
Y	Barry Briggs	Enmetric Systems			Cuyler Latorraca	Linear Tech	
Y	Barry Harvey	Intersil		N	Dan Sheingold	Analog Devices	
Y	Benjamin Pease	Bob Pease's son	Shizue Seigel		Dan Strassberg	Media consultant	
Y	Bill Broach	consultturnstone.com		Y	Dave Bursky	Media consultant	
N	Bill Gross	Linear Tech retired			Dave Joseph	W7AMX	
	Bill McSweeney	Ampex retired		Y	Dave Mathis	Consultant	
Y	Bill O'Neil	Maxim retired			Dave Ritter	Intersil	
N	Bill Schweber	EETimes		N	Dave Van Ess	Cypress	
N	Bill Whitlock	Jensen Transformers		Y	David Anderson	Texas Instruments	
Y	Bill Winters	Patent Law Pros		N	David Bell	Intersil	
Y	Bo Lojek	Atmel		Y	David Erhart	Powergetics	
	Bob Cannon	Texas Instruments		Y	David Fullagar	Maxim retired	
Y	Bob Dobkin	Linear Tech		Y	David Goodson	One-Stop Eng	Anh
Y	Bob Krause	Fairchild			David Kress	Analog Devices	
	Bob Moses	AES			Davia Lu	Intel	
	Bob Shaw	HP retired		Y	David Robertson	Analog Devices	
	Bob Swartz	Linear Tech retired		Att	Aficionado	Company	Guest
Att	Aficionado	Company	Guest	Y	David Tamura	Texas Instr	
Y	Bob Thomas	Apple		Y	David Yuan	Texas Inst	
	Bob Willson	Intersil		Y	Dennis Monticelli	Texas Instr	
	Bonnie Baker	Texas Instruments		Y	Dennis O'Neill	Linear Tech ret	
	Brendan J. Whelan	Linear Tech		N	Derek Bowers	Analog Devices	
	Brian D. Battaglia	HVVI		Y	Derek Bray	Interdesign ret	
	Brian Fuller	EETimes		Y	Dick Baumgartner	Avago retired	
Y	Buu Ha	Advanced Metal		N	Don Sauer	National retired	
	C. S. Lam	Epson		Y	Don Tuite	Electronic Design	
N	Carl Nelson	Linear Tech		N	Donald E. Paulus	Linear Tech	
Y	Carol Reiley	Robotics			Doug Adams	Stanford	
N	Chris Gammell	Consultant		N	Doug Grant	Consultant	
Y	Chris Mangelsdorf	Analog Devices	Nachi		Doug LA Porte	Linear Tech	
Y	Chunping Song	Texas Instruments		M	Doug Smith	Consultant	Debbie
Y	Craig Lambert	IDT			Doug Smith	Consultant	
N	Craig Ross	Retired			Dustin Forman	ESS	
Y	Craig Southeren	Powergetics		Y	Earl McCune	Consultant	Barbara
	Craig Varga	National retired					

Att	Aficionado	Company	Guest	Att	Aficionado	Company	Guest
	Ed Sinclair	Tek museum			Jerry Frazee	National retired	
Y	Edison Fong	Loral		Y	Jim Solomon	Xulu	Nanci
N	Eric Bogatin	Consultant		Y	Jimmy Simmons	IDT	
Y	Eric Schlaepfer	Google		Y	Joann Close	Analog Devices	
	Erik Soule	Linear Tech		N	joe betts-lacroix	Consultant	
	Erroll Dietz	Texas Instruments			Joe Sanford	PG&E	
Y	Felipe Jimenez	San Jose State			Joe Sousa	Philbrick Archive	
N	Fran Hoffart	Linear Tech		Y	John A. Bielawski	Consultant	
Y	Francis Lau	Tyco ELO Touch			John Curl	Parasound	
Y	Fred Hamilton	Intersil		Y	John Hall	Linear Systems	
Y	Gang Liu	Analog Technologies			John James	Trimble	
	Garth Wilson	PMI retired		Y	John Massa	Consultant	Hong
N	George Erdi	Linear Tech retired		Y	John R. Haggis	Consultant	
	George Saul	Cypress			John Scampini	Maxim	
N	Glen Brisebois	Linear Tech			John Torode	Cypress	
	Greg Gable	Texas Instruments			Jon Cronk	Exar	
Y	Greg Schaffer	Touchstone Semi		Att	Aficionado	Company	Guest
Att	Aficionado	Company	Guest	Y	Jon Dutra	Maxim	
Y	Gregory Kovacs	Stanford	Katie, Reid, Clark		Jon Spaulding	Stanford	
N	Hans Camenzind	Consultant		N	Jon Titus	Media consultant	
Y	Harry Holt	Analog Devices		Y	Jonathan David	Qualcomm	
Y	Henry Hsieh	Global 3C		Y	Jonathan Pease	Bob Pease's son	
	Henry Ott	Consultant		Y	Joseph Curcio	Texas Instruments	
Y	Hezekiel Randolph	Semtech		Y	Joshua Baylor	Intersil	
	Hooman Hashemi	Texas Inst		Y	Julia Chang	Auzen	
N	Howard Johnson	Consultant			Julie Fouquet	Avago	
	Issac Siavashani	Maxim		Y	Keiko Kaleta	Luxeon	
N	Istvan Novak	IBM			Ken Carroll	Nanosim	
N	James Long	Consultant			Ken Coffman	Fairchild	
	Jason Baumbach	Cypress			Ken Sheets	LSI	
N	Jason Bragazzi	Consultant	Sue	N	Kendall	Cypress	
Y	Jeff Feldman	retired media			Castor-Perry		
Y	Jeff Keyzer	mightyohm.com		M	Kevin Cameron	Cameron EDA	
	Jeri Ellsworth	Consultant		Y	Kimo Tam	Analog Devices	
Y	Jeroen Fonderie	TouchstoneSemi		Y	Kirkwood Rough	Linear Systems	

Att	Aficionado	Company	Guest	Att	Aficionado	Company	Guest
Y	Kurk Mathews	Linear Tech		N	Nancy Pease	Bob Pease's widow	
	Lars Risbo	Texas Instruments		Y	Nick Gray	Cypress	
N	Lee Goldberg	Media consultant			Olivier Charlon	Scintera	
Y	Lee Stoian	Elantec		N	Otmar Ebenhoech	Consultant	
N	Len Sherman	Maxim		Y	Pallab Chatterjee	Media consultant	
N	Leo Sheftelevich	Vishay-Silconix		N	Patrick Fung	Analog Devices	
Y	Lewis Counts	Analog Devices		N	Paul Brokaw	IDT	
	Lou Dorren	DTV report		Y	Paul Grohe	Texas Instruments	
Y	Luis Perez	Fairchild		Y	Paul Henneuse	Analog Devices	
Y	Lynn Smith	Powergetics			Paul McGoldrick	En-Genius network	
	Mansour Izadinia	Micrel		Y	Paul Norton	Linear Systems	
	Marc Dagan	Intersil			Paul Pickering	Freescale	
Y	Marc Tan	Supertex		Y	Paul Swearingen	Notespeed	
	Marc Tognaccini	Intuitive Surgical			Peggy Alavi	Texas Instruments	
	Marcello Salvatierra	National retired		Y	Peter Bradshaw	Intersil retired	
	Margery Conner (home)	EDN			Peyman Hojabri	Texas Instruments	
				Y	Phil Sittner	CED	Deb
Att	Aficionado	Company	Guest	Att	Aficionado	Company	Guest
Y	Mark Brasfield	Texas Instruments		Y	Philip Karantzalis	Linear Tech	
Y	Mark Thoren	Linear Tech			Pouran Asadipour	IDT	
	Martin Cano	Agilent			Prescott Sakai	On Semi	
Y	Martin DeLateur	National retired		Y	Randy Flatness	Linear Tech	
	Martin Giles	National retired		Y	Ricardo Salaverry	Tyco ELO Touch Eva	
N	Martin Mallinson	ESS		Y	Richard K. Oswald	Consultant	
Y	Marty Mcgrath	Consultant		M	Richard King	Powergetics	
N	Maurice Eaglin	Texas Instruments		N	Richard Zarr	Texas Inst	
N	Michael Coln	Analog Devices		N	Robert Chao	ALD	
N	Michael Good	Recordare		N	Robert Blair	ESS	
	Michael Lighter	Colorado U		N	Robert Cravotta	Media consultant	
Y	Michael Steffes	Intersil			Robert Ford	Consultant	
N	Michael Tuason	Maxim		Y	Robert Getsla	TV engineer	
N	Mike Cassidy	San Jose Mercury		Y	Robert Kelley	Consultant	
	Mike Flaherty	Tek?? Agilent??		Y	Robert Polleros	Maxim	
N	Mike Maida	Texas Instruments		Y	Robert Reay	Linear Tech	
Y	Mineo Yamatake	National retired					

Att	Aficionado	Company	Guest	Att	Aficionado	Company	Guest
Y	Robert Zucker	Intersil		Y	Tamara Schmitz	Intersil	
Y	Ron Quan	Consultant		Y	Ted Selker	Carnegie Mellon	
N	Ronald Koo	Maxim			Ted Tewksbury	IDT	
	Ronald Wilson	Altera		Y	Ted Vucurevich	Slightly Sharp	
	Roy Gosser	Analog Devices		Y	Thomas Lee	Stanford	
Y	Saleh Osman	Panasonic		N	Tim Hoeppner	Norscan Instruments	
N	Samuel Groner	Consultant		Y	Tim Regan	Linear Tech	
	San Jose Merc	Media		N	Tim Sobering	Kansas State University	
	Saurabh Vats	AMCC		Y	Timothy S. McCune	Linear Systems	
Y	Scott Fritz	Atmel			TJ Rodgers	Cypress	
Y	Scott Wurcer	Analog Devices	Madeline		Tobyn VanVeghten	Geometrics	
Y	Sean McCommons	Maxim		Y	Todd Bailey	Consultant	
Y	Sergio Franco	SFSU		Y	Todd Nelson	Linear Tech	
Y	Shahzad Hami	Advanced Metal Solutions		Y	Todd Owen	Linear Tech	Terri
Y	Shelley Shaw	Consultant		Y	Tom Frederiksen	National retired	Emily, Lloyd, Dawn
	Shergill, Ravi	Texas Inst			Tom Gross	Linear Tech	
	Shergill, Robbie	Texas Instr		Y	Tony Bonte	Linear Tech	
Att	Aficionado	Company	Guest	Att	Aficionado	Company	Guest
	Shufan Chan	Exar			Tony Chan	HP retired	
	Simon McKay	CamSemi		N	Tunç Doluca	Maxim	
Y	Siu Williams	Jim's widow		Y	Veronica Booi	ChinaRock Capital	
Y	Song-Hee Paik	Broadcom		Y	Vicky Tuite	Dreamworks	
	Sparky Van Sprakelaar	Texas Instruments			Vlad Potanin	Vivid Eng	
Y	Steve Hobrecht	x-NSM/LTC/MPS		N	Vladimir Dvorkin	Linear Tech	
Y	Steve Ohr	Gartner		Y	Vojin. Oklobdzija	NM U	
	Steve Pietkiewicz	Linear Tech			W. Stephen Woodward	Consultant	
Y	Steve Satra	audio consultant		N	Walt Bacharowski	Consultant	
Y	Steve Sockolov	Analog Devices		N	Walt Jung	Analog Dev	
Y	Steve Young	SRI International		Y	Wayne Yamaguchi	Consultant	Cindy
	Steven Herbst	Intersil			Will Jensby	Consultant	
	Steven Hunt	Texas Instruments		Y	Yi Yao	Per Vices	
Y	Steven Leibson	Cadence		Y	Yosun Chang	Nusoy	
N	Susan Bragazzi	Consultant					
	Susanne Paul	Blacksand					
	Suzanne Deffree	EDN					