

# IEEE SCV Circuits and Systems Society

## Half-Day Seminar

### Soft Skills “Things They Don’t Teach at Engineering School”

*June 10<sup>th</sup> (Saturday), 2006, 8:30am-1:00 pm  
Cadence Design Systems, Bldg. 5 Cafeteria  
2655 Seely Ave., San Jose, CA 95134  
(Subject to change)*

Fees: \$30/person; \$20 for IEEE members; \$15 for students (with student ID)

Register on/before 5/31/06. Check must be received before 6/5/06. No on-site registration

Registration fee includes donuts and coffee for breakfast and lunch box

Contact: Dr. Weikai Sun at [swka@hotmail.com](mailto:swka@hotmail.com) or 408 857-7098 (cell)

Dr. Howard Sun at [hjsun\\_1@yahoo.com](mailto:hjsun_1@yahoo.com) or 510 928-7270 (cell)

Make check payable to “IEEE SCV CAS”. Receipt handed on site during registration. Send check to

*IEEE SCV CAS*

*c/o: Weikai Sun*

*PO Box 3162*

*Fremont, CA 94539*

### *Description of the Event*

A soft skill refers to the cluster of personality traits, social graces, facility with language, personal habits, friendliness, and optimism that mark each of us to varying degrees. Soft skills complement hard skills which are the technical requirements of a job. Ideally someone is strong in both technical and personal skills. In this seminar, you will have a chance to listen to five outstanding technical and business professionals presenting various topics and aspects relating to soft skills, with the objective of applying directly some of these techniques to advance your individual career.

### **Agenda**

#### **8:30am-9:00am Registration (Donuts and coffee)**

#### **9:00am-9:15am “Introduction and Overview” by Dr. William Kao**

Dr. William Kao received his BSEE, MSEE and PhD from the University of Illinois Urbana-Champaign in 1970, 1972 and 1976 respectively. He has thirty years of industrial and academic experience in both Semiconductor and Electronic Design Automation industries. He was an adjunct EE Professor at UCLA and held management and engineering executive positions at Xerox, Cadence, Arcadia Design and Magma Design Automation. Currently he is R&D Group Director at Cadence IC Digital Group responsible for chip finishing, power solutions and mixed signal SOCs.

Dr. Kao has authored more than 40 technical papers in various CAD areas: simulation, place and route, mixed signal test, design methodologies, etc. Dr. Kao is a Senior member of IEEE. He was previously Associate Editor of IEEE Transactions on Circuits and Systems. *Currently (2006) he is the Chair of the Circuits and Systems Silicon Valley Chapter.*

#### **9:15am-9:55am “Public Speaking” by Carl Thormeyer**

The talk would not be textbook-oriented, but rather based on real life experiences in public speaking during the speaker's long career as a scientific and technical person, with the focus on technical presentations to a non-technical audience and effective use of visual aids (including PowerPoint).

Carl Thormeyer served as a Navy meteorologist, first on active duty and later as a civilian, for nearly 40 years. During this period he presented numerous technical papers at international scientific meetings, and has served as session chair for multiple sessions at the American Meteorological Society's annual meeting in each of the last several years. He now does part-time fill-in weather-casting as a broadcast meteorologist at KSBW TV-8, the NBC affiliate in Monterey-Salinas, CA. He has been a continuously active Toastmaster since 1964 (42 years in 10 different clubs in five different districts nationwide). He achieved DTM in 1975 (highest recognition), and is now also an ATM-S under the more recent Toastmasters educational program. At present, he is Vice President for Education of Naval Postgraduate School Toastmasters (President's Distinguished Club last four years), and President of Peninsula Pros Toastmasters, an advanced club. Currently, he is also District 4 Parliamentarian, a position I have served in for 7 of the past 11 years.

#### **9:55am-10:35am “Perpetual Business Machines” by Eric Pan**

Perpetual Business Machines addresses three fundamental problems faced by corporations and technical professionals:

- If business is sponsoring technology, who is preparing technical professionals for business?
- If technical professionals are expendable, who can assure career continuation?
- If business is a multi-dimensional universe, how do we remove the invisible wall dividing professionals?

Perpetual Business Machines is a blueprint for technical professionals working in the global economy.

Eric Pan is the President of Meridian Deployment Corporation (MDC). MDC consults start-ups and businesses that need new channels and business development. Prior to founding MDC, Mr. Pan held senior operations and product management positions at Skyworks Solutions, Network Device, Spectrian, and Samsung. Mr. Pan began his career in semiconductor research and development at IBM, Caltech, and Hughes. Mr. Pan received his M.S. degree from MIT and a B.S. degree from Caltech. The seminar is based on Eric's book, *Perpetual Business Machines: Principles of Success for Technical Professionals* (ISBN 0975448005), Foreword by Stanley T. Myers, President and CEO, SEMI. During this seminar, you will have chance to meet Eric personally and buy his book.

#### **10:35am-10:50am Break**

#### **10:50am-11:30am “Writing technical papers” by Dr. Lou Scheffer**

The talk will outline various aspects of writing a technical paper, including why writing a technical paper and what should be put in a paper. We will walk through a typical flow of technical paper, including Abstract, Introduction, Prior work, Details of your method, Experimental results, Conclusions and future work, Acknowledgments and References, Appendices

Dr. Lou Scheffer is a Cadence Fellow responsible for software architecture of Digital IC design tools. He received his PhD from Stanford U. in 1984, and his BS and MS EE from Caltech in 1974, and 1975 respectively. He has been Associate Editor for IEEE TCAD transactions, Technical Chair for ISPD and TAU, and program coommittee member for DAC and ICCAD. He has numerous patents and technical publications. His other interests include astronomy and SETI (Search for Extraterrestrial Intelligence).

#### **11:30am-12:00pm “Job Stress: Causes, Effects, and Tools for Coping” by Cheryl Kennedy**

Stress is your reaction and perception to what you are experiencing. The amount of control you believe you have over your circumstances will generally influence the amount of stress you experience. Changing the way you respond to your stress, will help you reduce the stress in your life. Stress may cause a physiological and psychological reaction. In this Talk, Cheryl will go over the general cause of stress and several effective tools to deal with it, including a group laughter exercise.

Cheryl Kennedy is the owner of Inner Transformational Hypnotherapy and Insightful Soul Inc., which is located in San Mateo, CA. She is a Certified Master and Medical Hypnotherapist. As a grief counselor, Cheryl facilitates children's grief groups in a program called Healing Hearts. She is on a Critical Incident Stress Management team where she attends school crisis events. She is a Reiki practitioner at a major hospital and Hospice. Cheryl has a line of hypnotic CD's bringing out her best therapeutic techniques from her private practice for individuals to use in their

own home. The CD topics are on Stress and a program for working through Emotions. She recently began televising a show in Berkeley called Empowering Your Healing.

**12:00pm-1:00pm Lunch and Networking**

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