



SCANFAX

Institute of Electrical and Electronics Engineers
CHICAGO SECTION NEWSLETTER
DECEMBER 1996

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Chicago Section Business Meeting- All welcome
Tuesday December 12, 1996 • 7:15 PM
DeVry DuPage Campus •
1221 N. Swift Road • Addison, IL

NATIONAL ENGINEERS WEEK

FEBRUARY 1997

DUPAGE AREA PROGRAM AT THE RICE CAMPUS ILLINOIS INSTITUTE OF TECHNOLOGY

Volunteers solicited for the Steering Committee

Contact Ruth Sweetser, 630 682 6020 for information about the committee and the program.

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MULTI-MEDIA APPLICATIONS IN MEDICINE

Speaker: Youngmin Kim, Ph.D.
IEEE Fellow, Univ of Washington, Seattle
Wednesday December 4, 1996

ABOUT THE TOPIC

The volume of medical images generated clinically has been growing rapidly due to an increase in both the number of examinations performed and in the range and cleverness of the imaging modalities being used. As a result, the distribution and storage of patient image data and its associated reports have become major issues. Picture Archiving and Communication System (PACS) represents an alternative to film and paper in image interpretation, distribution, management, and archiving. Based on digital computer and other associated technologies, PACS handles images in electronic form, replacing hard copy formats.

ABOUT THE SPEAKER

Youngmin Kim received the BSEE degree from Seoul National University in 1975, and the MS and Ph.D degrees in electrical and computer engineering from the University of Wisconsin in 1979 and 1982, respectively.

Dr. Kim has been on the faculty of the University of Washington since 1982. Currently he is professor of Electrical Engineering and Adjunct Professor of BioEngineering, Radiology, and Computer Science and Engineering. He has taught courses and given seminars on computer system design, image processing, and multimedia algorithms and systems. He offers continuing education courses on image computing and multimedia and advanced digital systems to engineers around the world. He is the director of both the Image Computing Systems Laboratory at UW, and the UW Image Computing Library Consortium. He has participated heavily in the TI TMS320C80 Multimedia Video Processor architecture definition and optimization. He is a Fellow of the IEEE and of the the American Institute for Biomedical Engineering.

PLACE

Como Inn
546 N. Milwaukee Ave.
Chicago, IL

TIME

Social6:00 PM
Dinner 6:30 PM
Presentation 7:30 PM

Cost: \$20 per person for Dinner. There is no charge for the presentation, but registration is required. Seating may be tight.

FOR RESERVATION: Please call the IEEE Business Office at (800) 898-IEEE 630 964 4333 no later than 1 PM, Monday December 2nd...

The EMBS Chair is Judy Gemperline 847 459 9265 - j.gemperline@ieee.org



At LifeScan we are committed to improving the life of people with diabetes through innovation. As the leaders in the field of blood glucose monitoring, we are looking for creative and motivated engineers with experience in a number of fields. If you have a BS/MS and your experience includes medical diagnostic devices, high-volume, low-cost designs, hand-held battery operated devices, and application/embedded software development, then you are invited to look into the following opportunities.

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Software Engineers - Embedded

Assembly, C, and object-oriented programming experience required.

Software Engineers - Test

Test development, code inspection, and documentation experience required.

Software Managers

Development, test methodology, and management experience required.

Mechanical Engineers

Pro/E, FEA and plastic part design experience required.

Opto/Electronics Engineers

Radiometry, spectrophotometry, opto/electronics experience with Optical CAD required.

Opto/Electronics Manager

Ten years of design and management experience required.

All positions require excellent verbal and written communication skills.

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POWER ENGINEERING SOCIETY

MICROPROCESSOR-BASED RELAYS FOR POWER SYSTEM APPLICATIONS

Presenter: Ken Behrendt
Schweitzer Engineering Labs

Wednesday, December 11, 1996

ABOUT OUR SPEAKER

Speaker biography unavailable at press time.

PLACE

Chicago Bar Association
321 S. Plymouth Court
Chicago, IL
(Near Jackson and Dearborn)

TIME

Social 11:30 AM
Lunch 12:00 PM
Presentation 12:15 PM

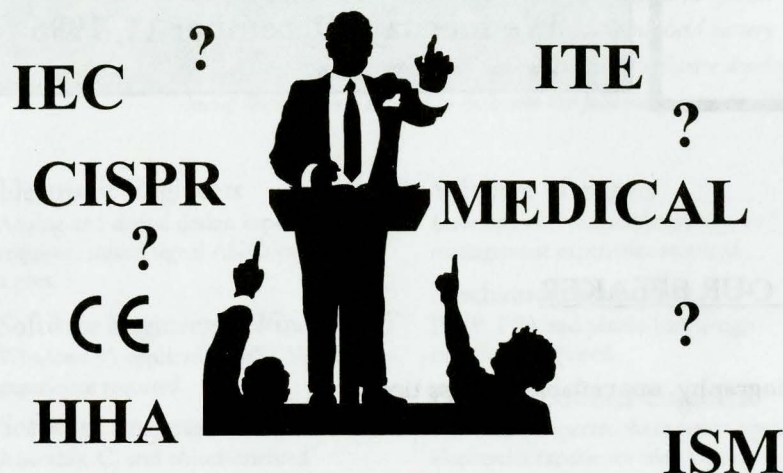
NOTES

Lunch tickets can be purchased in the lobby (\$10).

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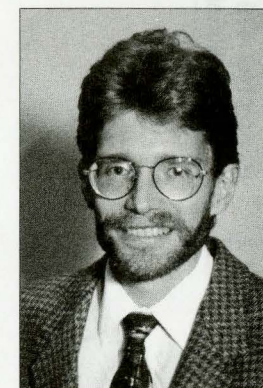
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Chairman's Message

Greetings! The IEEE, through its Sections, is encouraging the development of local solutions to the need for quality continuing education for its members.

As you know, Life Long Learning is part of an engineer's career. We all have some idea of its meaning - maintaining, updating, and expanding our skill base. Both hard and soft skills, technological and social need to be cared for. And your skills must reflect not only the needs of today's marketplace but anticipate tomorrow's as well.



Tom Jurgens

The minute a fresh out leaves school, a clock starts ticking, three to five years is the half life of his knowledge. Global competition begets shorter product cycle times, which speeds up technological change. And the competition is more numerous, it can be found not only in LA, Boston and Atlanta, but in Bangalore, Helsinki, and Seoul as well.

A regular checkup of your employability is needed. The IEEE has developed a Career Asset Management (CAM) tool. It offers advice on planning your career, jobs search techniques and specific engineering career issues. It also organizes all your professional records in one place for easy access and resume generation. A section workshop on this topic can be organized.

What topics are you interested in? Whether they are technical, professional, standards, or organizational, the Section can develop programs with continuing education credits (CEUs). Let a Chapter or Section officer know what programs would be of use in your continuing professional development.

Sincerely,

Tom Jurgens, Chicago Section Chair
t.jurgens@ieee.org
Phone 847-523-7915



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