Meetings

Reliability Society
Thursday, February 19, 1998
6:30 p.m.
Department of Commerce (NIST)
Building Room, room 0113
325 Broadway
Boulder, CO
(two will be signs on the door of
building 2 to direct us).

Speaker
Fred Fickett, Group Leader of
Materials Reliability Divisions

"NIST Research on Electronic
Packaging"
Program includes a tour of their
facilities.

Contact Kirk Gray, 666-7692 for
more information.

Lasers & Electro-Optics
LEOS Meetings are generally held
on the third Thursday of the month
at NIST, 325 Broadway, Boulder, CO.
Refreshments are served at 7:00 p.m.,
with the speaker starting at 7:30 p.m.

Joint Antenna & Propagation/Microwave Theory &
Technology, Geoscience & Remote Sensing
Thursday, February 19, 1998
4:00 - 5:00 p.m.
NIST, Room 1107
325 Broadway, Boulder, CO

Speaker
Dr. Lawrence P. Dunleavy
Dept. of Electrical Engineering, Visiting Scientist, NIST 813.06
(Microwave & Wireless Program) University of South Florida, Tampa, FL

"A Versatile Test and Simulation Bench for Characterization and Modeling of
Wireless Circuits and Systems"

A 3 GHz test bench is combined with a modern circuit and system comput-
er-aided-design tool set to comprise a versatile measurement and simulation
environment. The environment, developed for a powerful new teaching lab-
atory at the University of South Florida, is exemplified through a 915 MHz
receiver case study. This talk will give brief overview of the test/simulation
bench, the new wireless curriculum it was developed for, and examples of how
the bench can be used for cost effective wireless component and sub-system
characterizations.

Contact Richard Geyer at 497-5852 if you have any questions.
The 1998 IEEE Radio and Wireless Conference (RAWCON'98) is new, but may recognize many of the sponsors, organizers, and participants who helped make last year's Wireless Communications Conference a great success, with 50 outstanding presentations and 254 attendees from 14 nations. RAWCON'98 expects to continue this success by again focusing on the technology driving the advancement of commercial wireless communications, from systems to components to propagation. We will pay special attention to radio and radio-frequency issues.

RAWCON'98 sponsors: • IEEE Microwave Theory and Techniques Society • IEEE Communications Society • IEEE Pikes Peak Section • National Institute of Standards and Technology • Institute for Telecommunications Sciences

RAWCON'98 offers authors an outstanding venue with a sophisticated audience of your customers, suppliers, and competitors. Our IEEE Conference Proceedings ensures wide distribution of your archival publication. We will offer significant registration discounts to speakers and will provide speakers with valuable publicity through listings and hyperlinks on our highly-visible World Wide Web site at http://rawcon.org.

We seek original, practical technical presentations in these wireless technologies:

- System Architecture, including third generation wireless systems, LMDS, wireless LANs, wireless local loop, PCS, cellular, paging, etc.
- System Performance, including base stations, mobiles, signal processing, digital modulation, linearization, etc.
- Antennas and Propagation, including antenna design, propagation modeling, electromagnetic compatibility, interference, etc.
- Active Devices, including linearity, modeling, characterization, RFICs, MMICs, etc.
- Passive Components, including integrated passive filters, packaging technology, package design, etc.

Also, the Program Committee is particularly interested in papers on the following focus topics:

- Wireless data systems
- Software radio architectures
- Infrastructure equipment design for wireless communications
- Active device technologies for wireless communications
- Applications of advanced antenna communications

Authors are asked to submit five copies of a two-page summary (including figures) to the Technical Program Chair (TPC) by March 1, 1998. The summary must contain complete contact information (including email) for the corresponding author. Please contact the TPC for information about electronic submission of the summary, if desired. Direct submissions to Dr. Michael S. Heindler, Lucent Technologies, P.O. Box 906, Princeton, NJ 08542 (for non-postal shipment: Rte. 569 Carter Rd., Hopewell, NJ 08525); email: heindler@lucent.com; tel: +1-609-639-3116; fax: +1-609-639-3197.

Submissions will be evaluated for originality, significance of the work, technical soundness, and interest to a broad audience. Authors will be notified of acceptance by April 24, 1998. Final accepted papers (3-5 pages in length) must be received by the TPC in camera-ready form by June 12, 1998 to be included in the published Proceedings.

http://rawcon.org
Three Notable Milestones for Job Listing System
from IEEE - USA FRONTLINE Report

Entry level Job Listings Launched
We unveiled a new Entry Level Job Listing Service in August. With the increased demand for new graduates in the workplace and to better assist our student members, we developed a separate file specifically for entry level postings. Another new feature on the entry level page are links to companies that are actively recruiting new and recent graduates - so now employers can choose between listing either specific positions in the JLS or providing summarized information and a hot link to their own Web sites. Check out www.ieee.org/EMPLOYMENT/info.ieeeusa.jobs.entry.txt.

IEEE-USA's Job Listings Favorite Among Engineers
The JLS is the most popular job listing service for electrical engineers according to the respondents to EE-Times' Salary and Opinion Survey (see Sept. 1 edition). Of the respondents who got new jobs over the past year, more found jobs on the Net than at job fairs - and more of them (40%) used IEEE-USA's service than any other. Dan Benigni, Chairman of USAB, recognized the Employment Assistance Committee for their efforts and the success of the JLS with a special citation at the USAB awards ceremony during the PACE conference.

JLS Capabilities to Expand Soon with Searchable Database
The JLS will shortly initiate a new JLS with capability to search listings on-line. This is a long-needed upgrade to the current system and should be available this fall. The old system of regional files grew out of the original implementation of email auto-response files, and although easily accessible (the JLS remains one of the most frequently visited Web site at IEEE), it is awkward to use. Look for the new, searchable JLS at www.ieee.org/jobs.html.
The Institute of Electrical and Electronics Engineers - Denver Section
http://www.engr.du.edu/IEEE/densec.html

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