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## Montana Section News
## September, 2002

### Chairman's Corner
**Jim Smith**

Be sure to attend the meeting next week. The technology Kevin Duesman will discuss will result in a significant change in digital cameras, particularly since the CMOS devices are so much less expensive than their CCD equivalents.

Hey, you Life Members – interested in a Life Member Chapter? The IEEE is promoting this concept and we have a bunch in the Montana Section. Call Bill Jameson at 586-0280 or e-mail jamesonwj@aol.com.

### Program for October 2

We are very fortunate to have Kevin Duesman of MICRON Technologies as our speaker. Kevin was raised on a farm in Texas. He worked 8 years at Mostek in Dallas in fab processing and later product engineering on 4K through 64k drams. In 1982 started at MICRON as a product engineer, then product engineering manager and design manager. He currently manages several engineering groups and is a Principal Fellow in MICRON's Technical Career Ladder. He will talk about MICRON's CMOS Imagers that are designed to replace CCD devices (e.g., in digital cameras) at a fraction of the cost of CCDs. He will discuss:
* What is a active pixel?
* How imagers are designed
* What other circuitry is need to support the pixel array (ADC, DAC)
* How imagers are specified and characterized

(Editor's Note: I've known Kevin for eight years. He mentored the first completed Co-Op program for the EE Department. He is a real "piece of work"! **Don't miss this program!)**

MICRON will also recognize nine MICRON scholarship students at the meeting:
* Cory Steinmetz (ECE)
* Jason Brandt (ECE)
* Scott Warnick (ECE)
* Kevin Halvorson (CS)
* Bonnie Kirkpatrick (CS)
* Jeremy Wedemann (CS)
* Brad Pascoe (CS)
* Clint Fredrickson )CS)
* Angela Kimmel (CS)

***AND* MICRON is providing the door prize – a memory module of the winner's choice (SDRAM or DDRAM)!**

### E-mail Addresses – One More Time

Give some thought to obtaining an IEEE alias e-mail address if you don't have one. First you have to obtain an IEEE Web Account. This is standard since there are increasing number of services that are being offered/provided to IEEE members through the IEEE Web site. In order to be able to restrict these services "only" to IEEE members you will need the Web Account.

To open a web account go to the IEEE Home Page. On the top selection bar is "IEEE Web Account". Click on it and it will walk you through setting it up.

Once you have the account established you can set up an IEEE alias: On the IEEE Home page, click on "Services" listed on the side bar. Click on "IEEE Personal Email Alias and Virus Scan Service". The site will then walk you through the steps on creating, updating or deleting an IEEE Email Alias. IEEE aliases are rewarded with a *really good* virus checker/eliminator.

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